

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

PELLAGRA.

Report from Charleston, S. C.

Acting Assistant Surgeon Sams reports, October 23:

Pellagra, as such, has but recently been recognized in this city, the first case having come under treatment in March, 1908, the first recorded death occurring on September 25, 1908. During the balance of that year there were four more deaths, making five in all for 1908. From January 1, 1909, to date, there have been five deaths recorded.

There is a very general opinion among the local physicians that pellagra has existed in this city for probably twenty years or more, but incorrectly diagnosed as "eczema," "dysentery," "intestinal tuberculosis," etc., with dementia a complication, or the reverse.

The following table gives the color, sex, and result in 19 cases, from its recognition in March, 1908, to date:

Color and sex.	Typical.	Atypical.	Total.	Recovered.	Improved.	Unimproved.	Died.	Remaining.
White males.....	4	2	6	1	1	1	1	2
White females.....	0	0	0	0	0	0	0	0
Colored males.....	3	0	3	0	1	0	2	0
Colored females.....	7	3	10	0	1	0	7	2
Total.....	14	5	19	1	3	1	10	4

I believe this to be less than the actual number which has occurred here. There are several suspects under observation. Diarrhea, dermatitis, and dementia, the so-called "three d's" of pellagra, were the leading symptoms in the majority of instances, some subjects being violently insane, the dementia being absent in eight individuals, however.

The favorite sites of the eruption were the face, backs of hands, and dorsal surfaces of feet. Uncinariasis was a complication in one case, a white male.

Although considered an afebrile disease, save in so-called "typhoid pellagra," a rise of temperature to 38.5 was present in several instances. A subnormal temperature likewise occurred. The pulse rate, in a few cases abnormally high, bordering on the hundred, with a subnormal temperature, correspondingly increased when fever was present. The raw tongue was noticeable. No ocular phenomena were mentioned in histories furnished me nor noticed by myself.

In the case of a small white boy, a sudden temporary motor paralysis of the lower limbs occurred, lasting about one week. While this has disappeared and locomotion is good, there is loss of all patellar reflex.

In the cases of two colored females at present under observation (both relapses) one has exaggerated "knee-jerk" and in the other one all "knee-jerk" is lost and some rigidity present in lower limbs, with ulcerations in mouth and about the ankle, also abdominal tenderness.

The rate of mortality in the insane cases was especially high.

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, Cal.

Surgeon Blue reports:

SAN FRANCISCO, CAL.

Last case of human plague: Sickened, January 30, 1908.

Last case of rodent plague: Trapped, October 23, 1908.

Week ended October 16, 1909.

Sick inspected.....	3
Plague.....	0
Dead inspected.....	103
Plague.....	0
Premises inspected.....	2,160
Houses disinfected.....	37
Houses destroyed.....	2
Buildings condemned.....	12
Nuisances abated.....	249

Rats found dead.....	40
Rats trapped.....	1,939

Total rats taken.....	1,979
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Rats identified:	
Mus norvegicus.....	1,488
Mus rattus.....	62
Mus musculus.....	365
Mus alexandrinus.....	15
Total.....	1,930

Rats identified as to sex:	
Male.....	672
Female.....	953

Total.....	1,625
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Rats examined bacteriologically.....	1,286
Plague rats.....	0
Poisons placed.....	26,121
Total number of rats found infected to date.....	398

OAKLAND, CAL.

Last case of human plague: Sickened, July 17, 1908.

Last case of rodent plague: Trapped, December 1, 1908.

Week ended October 16, 1909.

Dead inspected.....	38
Plague.....	0
Rats found dead.....	24
Rats trapped.....	583

November 5, 1909

Rats identified:

Mus norvegicus.....	566
Mus rattus.....	1
Mus musculus.....	39
Mus alexandrinus.....	1
Total.....	607

Rats examined bacteriologically.....	561
Plague rats.....	0

POINT RICHMOND, CAL.*Week ended October 16, 1909.*

Sick inspected.....	1
Plague.....	0
Dead inspected.....	4
Plague.....	0

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA—San Diego.—Month of September, 1909. Estimated population, 45,000. Total number of deaths 48, including tuberculosis 10.

FLORIDA—Pensacola.—Month of September. Estimated population, 30,000. Total number of deaths 56, including enteric fever 2, and 11 from tuberculosis.

GEORGIA—Macon.—Month of September, 1909. Population, 43,000. Total number of deaths 12, including 1 from tuberculosis.

ILLINOIS—Alton.—Month of September, 1909. Estimated population, 22,000. Total number of deaths 18, including 3 from tuberculosis. Cases: Diphtheria 1.

IOWA—Keokuk.—Month of September, 1909. Population, 16,000. Total number of deaths 21, including enteric fever 2, tuberculosis 2.

Sioux City.—Month of September, 1909. Estimated population, 50,000. One death from diphtheria. Cases: Scarlet fever 1, diphtheria 16.

KENTUCKY—Louisville.—Month of September, 1909. Estimated population, 269,749. Total number of deaths 263, corresponding to a death rate of .98 per 1,000 of population, including enteric fever 10, scarlet fever 11, diphtheria 6, and from tuberculosis 21.

MINNESOTA—Stillwater.—Month of September, 1909. Total number of deaths 7, including 1 from tuberculosis. Cases: Enteric fever 2, diphtheria 1, tuberculosis 2.

MISSOURI—Kansas City.—Month of September, 1909. Estimated population, 340,000. Total number of deaths 247, including diphtheria 6, scarlet fever 1, enteric fever 4, and from tuberculosis 30.

Springfield.—Month of September, 1909. Population, 35,000. Total number of deaths 38, including tuberculosis 1, and from enteric fever 4.

NEW HAMPSHIRE—Concord.—Month of August, 1909. Estimated population 20,000. Total number of deaths 30, corresponding to an annual death rate of 15.6, including enteric fever 2, scarlet fever 1, diphtheria 4, measles 2, and 4 from tuberculosis.

Concord.—Month of September, 1909. Total number of deaths 50, corresponding to an annual death rate of 21.6 per 1,000 of population, including enteric fever 3, scarlet fever 1, diphtheria 13, measles 1, and 5 from tuberculosis.

Franklin.—Month of September, 1909. Estimated population 7,200. Total number of deaths 4, including 1 from tuberculosis. Cases: Enteric fever 2, diphtheria 1, tuberculosis 1.

Manchester.—Month of September, 1909. Total deaths, 113, including scarlet fever 2, measles 11, diphtheria 20, enteric fever 1, and from tuberculosis 8.

NEW YORK—*Buffalo*.—Month of September, 1909. Total number of deaths 506, including tuberculosis 37, diphtheria 4, scarlet fever 14, enteric fever 13, and from whooping cough 3.

Rome.—Month of September, 1909. Two deaths from tuberculosis. Cases: Enteric fever 5, diphtheria 7, measles 1, tuberculosis 2.

Saratoga.—Month of September, 1909. Estimated population 11,822. Total number of deaths 19. Cases: Enteric fever 1, diphtheria 1.

Troy.—Month of September, 1909. Total number of deaths 117, including enteric fever 2, whooping cough 1, tuberculosis 18.

NORTH CAROLINA.—Month of August, 1909. Population 233,150. Total number of deaths 278, corresponding to an annual death rate of 14.2 per 1,000 of population, including enteric fever 18, scarlet fever 1, diphtheria 1, tuberculosis 47.

Charlotte.—Month of September, 1909. Total number of deaths 38, including enteric fever 2, diphtheria 1, pellagra 2, and 3 from tuberculosis.

OHIO—*Toledo*.—Month of September, 1909. Total number of deaths 159, corresponding to an annual death rate of 9.74 per 1,000 of population, including enteric fever 5, measles 1, scarlet fever 3, whooping cough 1, diphtheria 3, and from tuberculosis 19.

OREGON.—Month of July, 1909. Total number of deaths 385, including enteric fever 7, diphtheria 3, scarlet fever 3, measles 3. Cases: Diphtheria 1, scarlet fever 1.

WASHINGTON—*Spokane*.—Month of September, 1909. Population 100,000. Total number of deaths 120, corresponding to an annual death rate of 14.40 per 1,000 of population, including diphtheria 1, enteric fever 8, and 9 from tuberculosis.

VIRGINIA—*Lynchburg*.—Month of September, 1909. Estimated population 30,050. Total number of deaths 18, including 3 from tuberculosis.

Richmond.—Month of September, 1909. Population 85,050. Total number of deaths 155, corresponding to an annual death rate of 16.30 per 1,000 of population, including diphtheria 1, and 21 from tuberculosis.

November 5, 1909

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 26 to November 5, 1909.

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
California, general.....	Aug. 1-31.....	1.....	2.....	
Berkeley.....	July 25-31.....	1.....		
Hobart Mills.....	Apr. 1-30.....	1.....		
Sacramento.....	June 6-12.....	1.....	2.....	
San Francisco.....	June 6-July 3.....	2.....		
Truckee.....	Mar. 23.....	3.....		
Total for State.....		8.....	2.....	
Colorado:				
Adams County.....	Apr. 1-June 30.....	5.....		
Boulder County.....	Apr. 1-June 30.....	8.....		
Clear Creek County.....	Apr. 1-June 30.....	1.....		
Denver County—				
Denver.....	Apr. 1-June 30.....	10.....		
El Paso County.....	Apr. 1-June 30.....	3.....		
Fremont County.....	Apr. 1-June 30.....	13.....		
Grand County.....	Apr. 1-June 30.....	1.....		
Huerfano County.....	Apr. 1-June 30.....	24.....		
Larimer County.....	Apr. 1-June 30.....	4.....		
Las Animas County.....	Apr. 1-June 30.....	1.....		
Mesa County.....	Apr. 1-June 30.....	20.....		
Montrose County.....	Apr. 1-June 30.....	2.....		
Morgan County.....	Apr. 1-June 30.....	17.....		
Otero County.....	Apr. 1-June 30.....	1.....		
Pueblo County.....	Apr. 1-June 30.....	8.....		
Rio Grande County.....	Apr. 1-June 30.....	1.....		
San Miguel County.....	Apr. 1-June 30.....	4.....		
Weld County.....	Apr. 1-June 30.....	1.....		
Total for State.....		124.....		
Connecticut:				
Bridgeport.....	Oct. 2.....	1.....		
New Haven.....	May 1-31.....	1.....		
Total for State.....		2.....		
District of Columbia:				
Washington.....	Aug. 8-Oct. 23.....	9.....		
Total for District.....		9.....		
Georgia:				
Macon.....	June 14-Oct. 15.....	14.....		
Total for State.....		14.....		
Illinois:				
Alexander County—				
Cairo.....	May 1-June 30.....	25.....		
Bureau County.....	Aug. 1-31.....	1.....		
Champaign County.....	Apr. 1-May 31.....	25.....		
Christian County.....	Apr. 1-May 31.....	35.....		
Clay County.....	Apr. 1-30.....	1.....		
Clinton County.....	Apr. 1-June 30.....	7.....		
Cook County—				
Chicago.....	June 20-Oct. 23.....	7.....		
Dewitt County.....	May 1-31.....	7.....		
Edwards County.....	Apr. 1-May 31.....	3.....		
Effingham County.....	Apr. 1-30.....	2.....		
Fayette County.....	May 1-31.....	22.....		
Franklin County.....	Apr. 1-May 31.....	2.....		
Fulton County.....	Apr. 1-June 30.....			
Gallatin County.....	Apr. 1-May 31.....	16.....		
Iroquois County.....	May 1-31.....	1.....		
Jackson County.....	Apr. 1-May 31.....	14.....		
Murphysboro.....	Apr. 1-May 31.....	40.....		
Knox County.....	Apr. 1-30.....	8.....		
Lake County.....	Apr. 1-July 31.....	14.....		
LaSalle County.....	Apr. 1-30.....	3.....		
McDonough County.....	Apr. 1-30.....	25.....		
McHenry County—				
Marengo.....	May 1-June 30.....	97.....		
				Present

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Macoupin County.....	Apr. 1-May 31.....	6		
McLean County.....	June 1-30.....	1		
Madison County.....	May 1-June 30.....	2		
Marion County.....	Apr. 1-June 30.....	14		
Menard County.....	Aug. 1-31.....	5		
Massac County— Metropolis.....	Apr. 1-May 31.....	29		
Montgomery County.....	May 1-June 30.....	2		
Peoria County— Peoria.....	Apr. 1-June 30.....	13		
Perry County.....	June 1-Sept. 31.....	54		
Pulaski County.....	Apr. 1-Aug. 31.....	18		
Rock Island County— Moline.....	May 1-31.....	5		
St. Clair County— East St. Louis.....	June 1-July 31.....	2		
Saline County.....	May 1-June 30.....	11		
Sangamon County— Springfield.....	May 1-31.....	30		
Schuylerville County.....	Apr. 1-30.....	1		
Shelby County.....	May 29-July 9.....	3		
Stephenson County.....	May 1-31.....	1		
Tazewell County— Pekin.....	Apr. 1-July 31.....	3		
Union County.....	May 1-31.....	4		
Vermilion County— Danville.....	May 1-31.....	5		
Warren County.....	Apr. 1-Aug. 31.....	78		
Will County— Joliet.....	Apr. 1-May 31.....	5		
Williamson County.....	Apr. 1-May 31.....	2		
Winnebago County.....	June 1-30.....	13		
Woodford County.....	Apr. 1-July 31.....	3		
Total for State.....		689		
Indiana:				
Allen County.....	May 1-Aug. 31.....	17		
Fort Wayne.....	June 6-Oct. 2.....	103		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	4		
Dearborn County.....	May 1-31.....	4		
Dekalb County.....	June 1-30.....	1		
Delaware County— Muncie.....	May 1-31.....	1		
Fayette County.....	June 20-July 10.....	4		
Fountain County.....	June 1-30.....	1		
Gibson County.....	July 1-31.....	1	1	
Grant County.....	May 1-31.....	5		
Greene County.....	May 1-July 31.....	4		
Marion County— Indianapolis.....	June 1-30.....	4	1	
Montgomery County.....	June 14-Oct. 24.....	3		
Parke County.....	May 1-June 30.....	9		
Pulaski County.....	May 1-31.....	1		
St. Joseph County— South Bend.....	May 1-31.....	2		
Tipton County.....	June 1-30.....	4		
Vanderburg County.....	June 13-Aug. 14.....	5		
Vermillion County.....	July 1-31.....	1		
Vigo County.....	May 1-June 30.....	26		
Wayne County.....	May 1-July 31.....	43		
White County.....	June 1-30.....	4		
Total for State.....		265	3	
Iowa:				
Cedar Rapids.....	July 1-Aug. 31.....	2		
Keokuk.....	May 1-31.....	3		
Ottumwa.....	June 1-30.....	1		
Total for State.....		6		
Kansas:				
Allen County.....	May 1-31.....	5		
Achison County.....	June 1-July 31.....	8		
Brown County.....	June 1-30.....	1		
Chautauqua County.....	May 1-31.....	3		
Cherokee County.....	May 1-31.....	1		
Coffey County.....	May 1-31.....	1		
Comanche County.....	June 1-30.....	3		
Cowley County.....	May 1-31.....	14		

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Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Crawford County	May 1-31.....	20		
Pittsburg	May 1-June 30.....	4		
Decatur County	June 1-30.....	12	1	
Dickinson County	May 1-July 31.....	3		
Doniphan County	May 1-Aug. 31.....	29		
Douglas County	May 1-31.....	1		
Elk County	May 1-31.....	1		
Ellsworth County	June 1-30.....	1		
Franklin County	May 1-31.....	5		
Geary County	May 1-July 31.....	5		
Graham County	June 1-30.....	6		
Greenwood County	May 1-31.....	3		
Jackson County	May 1-June 30.....	24		
Jefferson County	May 1-31.....	2		
Jewell County	May 1-31.....	6		
Kearny County	May 1-31.....	1		
Kingman County	July 1-31.....	2		
Labette County—				
Parsons	May 1-July 31.....	10		
Lincoln County	July 1-31.....	4		
Lyon County	May 1-July 31.....	28		
Mc Pherson County	July 1-31.....	1		
Marion County	July 1-31.....	1		
Marshall County	May 1-Aug. 31.....	230		
Montgomery County	May 1-July 31.....	10		
Coffeyville	July 1-31.....	1		
Nemaha County	June 1-July 31.....	11		
Osage County	May 1-June 30.....	32		
Osborne County	May 1-June 30.....	11		
Ottawa County	May 1-31.....	3		
Phillips County	May 1-31.....	1		
Pottawatomie County	May 1-July 31.....	15		
Pratt County	May 1-July 31.....	6		
Rawlins County	May 1-31.....	13		
Republic County	June 1-30.....	5		
Riley County	May 1-June 30.....	8		
Rooks County	July 1-31.....	1		
Rush County	June 1-30.....	2		
Russell County	June 1-30.....	1		
Saline County	May 1-31.....	2		
Scott County	Aug. 1-31.....	1		
Sedgwick County	May 1-31.....	11		
Wichita	July 11-Aug. 7.....	5		
Shawnee County	May 1-Aug. 31.....	13		
Topeka	May 1-July 31.....	45		
Smith County	May 1-31.....	11		
Sumner County	May 1-31.....	3		
Thomas County	May 1-31.....	1		
Waばaunsee County	May 1-31.....	6		
Wyandotte County	May 1-31.....	4		
Kansas City	June 13-July 17.....	10		
Total for State.....		667	1	
Kentucky:				
Covington	June 13-July 3.....	5		
Lexington	June 20-Aug. 21.....	16		
Newport	June 14-July 25.....	4		
Paducah	June 13-26.....	3		
Total for State.....		28		
Louisiana:				
New Orleans	June 13-Sept. 4.....	13		
Total for State.....		13		
Maryland, general	Mar. 1-Apr. 30.....	9		
Total for State.....		9		
Massachusetts:				
Boston	Sept. 12-Oct. 23.....	3	1	
Lawrence	June 27-July 3.....	1		
Total for State.....		4	1	
Michigan:				
Bay County—				
Bay City	June 1-Aug. 31.....	2		
Berrien County	July 1-Aug. 31.....	9		
Branch County	July 1-Aug. 31.....	5		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Calhoun County.....	June 1-30.....	1		
Cass County.....	July 1-Aug. 31.....	8	1	
Cheboygan County.....	July 1-31.....	2		
Chippewa County.....	May 1-31.....	1		
Clinton County.....	Aug. 1-31.....	1		
Delta County.....	June 1-30.....	1		
Eaton County.....	May 1-Aug. 31.....	46		
Emmet County.....	June 1-July 31.....	2		
Genesee County.....	July 1-31.....	1		
Gogebic County.....	Aug. 1-31.....	1		
Houghton County.....	May 1-Aug. 31.....	7		
Huron County.....	June 1-30.....	1		
Ingham County.....	May 1-31.....	1		
Jackson County.....	May 1-31.....	1		
Kalamazoo County—				
Kalamazoo.....	July 4-24.....	2		
Kent County—				
Grand Rapids.....	June 6-26.....	2		
Lapeer County.....	June 1-30.....	1		
Livingston County.....	Aug. 1-31.....	16		
Marquette County.....	May 1-July 31.....	8		
Menominee County.....	July 1-31.....	4		
Muskegon County.....	May 1-Aug. 31.....	16		
Newaygo County.....	June 1-30.....	1		
Oceana County.....	May 1-31.....	1		
Ottawa County.....	May 1-July 31.....	8		
Saginaw County.....	May 1-July 31.....	20		
Saginaw.....	July 25-31.....	1		
St. Clair County.....	May 1-June 30.....	4		
Schoolcraft County.....	July 1-31.....	4		
Manistique.....	June 1-Aug. 31.....	41		
Tuscola County.....	May 1-31.....	4		
Wayne County—				
Detroit.....	May 1-July 31.....	2		
Total for State.....		225	1	
Minnesota, general.				
Becker County	Mar. 1-Apr. 30.....		3	
Biggstone County.....	June 15-21.....	5		
Carver County.....	June 8-14.....	1		
Clay County.....	July 6-Aug. 16.....	6		
Cottonwood County.....	July 28-Aug. 2.....	1		
Crawford County.....	July 1-31.....	1		
Faribault County.....	Aug. 10-16.....	1		
Hennepin County—				
Minneapolis.....	June 7-14.....	2		
Hubbard County.....	May 1-June 30.....	39		
Itasca County.....	May 25-31.....	1		
Lesueur County.....	May 25-June 14.....	7		
McLeod County.....	June 1-7.....	1		
Marshall County.....	May 25-July 19.....	2		
Meeker County.....	June 8-July 5.....	6		
Morrison County.....	May 25-31.....	5		
Nobles County.....	June 21-Aug. 16.....	2		
Olmsted County.....	May 25-June 21.....	2		
Pine County.....	June 8-14.....	2		
Ramsey County—				
St. Paul.....	May 25-31.....	1		
Redwood County.....	Apr. 1-May 31.....	10		
Rock County.....	June 1-7.....	1		
St. Louis County.....	June 1-7.....	1		
Duluth.....	May 25-June 21.....	3		
Sibley County.....	June 10-Sept. 24.....	21		
Stearns County—				
St. Cloud.....	June 22-July 19.....	4		
Steele County.....	July 13-19.....	1		
Swift County.....	May 25-June 21.....	3		
Wabasha County.....	July 20-26.....	1		
Wadena County.....	May 25-31.....	2		
Waseca County.....	May 25-July 19.....	11		
Wright County.....	May 25-31.....	8		
	June 15-Aug. 16.....	10		
Total for State.....		161	3	
Missouri:				
Kansas City.....	June 13-26.....	2		
St. Joseph.....	May 30-July 24.....	19		
St. Louis.....	June 20-Oct. 2.....	9		
Total for State.....		30		

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Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana:				
Carbon County.....	June 1-July 31.....	6	.....
Cascade County—				
Great Falls.....	June 1-30.....	1	.....
Chouteau County.....	June 1-30.....	1	.....
Custer County.....	June 1-30.....	1	.....
Dawson County.....	May 1-31.....	5	.....
Deerlodge County.....	May 1-31.....	1	.....
Fergus County.....	June 1-30.....	1	.....
Flathead County.....	May 1-31.....	4	.....
Gallatin County.....	May 1-31.....	4	.....
Jefferson County.....	May 1-31.....	2	.....
Lewis and Clark County—				
Helena.....	May 1-31.....	1	.....
Missoula County—				
Missoula.....	June 1-Aug. 31.....	6	.....
Park County.....	May 1-June 30.....	21	.....
Livingston.....	May 1-Aug. 31.....	14	.....
Sanders County.....	May 1-31.....	1	.....
Silverbow County.....	June 1-Aug. 31.....	24	.....
Butte.....	June 11-Oct. 14.....	49	.....
Teton County.....	May 1-31.....	1	.....
Valley County.....	May 1-31.....	1	.....
Yellowstone County.....	May 1-July 31.....	7	.....
Total for State.....		151	.....
Nebraska:				
Lincoln.....	May 1-July 31.....	34	.....
Total for State.....		34	.....
New Jersey:				
Newark.....	Sept. 19-25.....	1	.....
Total for State.....		1	.....
New York, general:				
Buffalo.....	May 1-Aug. 31.....	462	.....
Oct. 3-9.....		1	.....
Total for State.....		463	.....
North Carolina:				
Beaufort County.....	June 1-30.....	1	.....
Bladen County.....	Apr. 1-30.....	5	.....
Buncombe County.....	Apr. 1-30.....	1	.....
Caldwell County.....	Apr. 1-June 30.....	19	.....
Camden County.....	Apr. 1-June 30.....	70	.....
Carteret County.....	Apr. 1-30.....	1	.....
Craven County.....	Apr. 1-Aug. 31.....	10	.....
Cumberland County.....	May 1-Aug. 31.....	2	.....
Davie County.....	Aug. 1-31.....	1	.....
Duplin County.....	Apr. 1-Aug. 31.....	35	.....
Harnett County.....	June 1-July 31.....	7	.....
Johnston County.....	Apr. 1-July 31.....	3	.....
Jones County.....	Aug. 1-31.....	8	.....
Lee County.....	Apr. 1-30.....	6	.....
Lenoir County.....	July 1-Aug. 31.....	6	.....
Madison County.....	May 1-June 30.....	7	.....
Mecklenburg County—				
Charlotte.....	May 1-31.....	2	.....
Mitchell County.....	Sept. 26-Oct. 22.....	7	.....
Montgomery County.....	July 1-31.....	8	.....	Apr. 1-30 present.
Nash County.....	July 1-31.....	10	.....
Onslow County.....	June 1-30.....	1	.....
Pamlico County.....	Apr. 1-30.....	2	.....
Pasquotank County.....	May 1-31.....	4	.....
Pitt County.....	Apr. 1-May 31.....	15	.....
Robeson County.....	Apr. 1-June 30.....	17	.....
Rowan County.....	June 1-July 31.....	14	.....
Sampson County.....	May 1-July 31.....	17	.....
Transylvania County.....	Apr. 1-June 30.....	51	.....	In extreme northern part.
Wake County.....	May 1-31.....	5	.....
Watauga County.....	Apr. 1-Aug. 31.....	3	.....
Wayne County.....	June 1-Aug. 31.....	38	.....
Wilson County.....	May 1-31.....	14	.....
Yancey County.....	Apr. 1-30.....	1	.....
Yancey County.....	Apr. 1-Aug. 31.....	10	.....
Total for State.....		401	.....
North Dakota:				
Bottineau County.....	May 1-July 31.....	2	.....
Cass County.....	July 1-31.....	2	.....
Emmons County.....	July 1-31.....	3	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Dakota—Continued.				
Grand Forks County.....	May 1-July 31.....	13		
Henry County.....	Aug. 1-31.....	5		
Lamoure County.....	May 1-June 30.....	3		
McHenry County.....	May 1-31.....	1		
Stutsman County.....	June 1-July 31.....	15		
Waish County.....	June 1-30.....	2		
Ward County.....	May 1-July 31.....	11		
Total for State.....		57		
Ohio:				
Cincinnati.....	June 12-Oct. 9.....	5		
Columbus.....	Sept 12-18.....	1		
Dayton.....	July 18-Oct. 23.....	21	1	
Springfield.....	Oct. 10-16.....	9		
Toledo.....	July 25-Aug. 7.....	2		
Total for State.....		38	1	
Oklahoma:				
Coal County.....	Aug. 1-31.....	3		
Ellis County.....	Aug. 1-31.....	1		
Kay County.....	Aug. 1-31.....	5		
Kiowa County.....	Aug. 1-31.....	4		
Muskogee County.....	Aug. 1-31.....	1		
Oklahoma County—Oklahoma.....	Apr. 3-Aug. 21.....	51	1	
Washington County.....	Aug. 1-31.....	1		
Total for State.....		66	1	
Oregon:				
Clackamas County.....	May 1-June 30.....	3		
Coos County.....	June 1-30.....	1		
Marion County.....	May 1-June 30.....	11		
Multnomah County—Portland.....	May 1-June 30.....	3		
Umatilla County.....	Apr. 1-Aug. 31.....	40		
Union County.....	June 1-30.....	2		
Washington County.....	June 1-30.....	1		
Yamhill County.....	May 1-June 30.....	14		
June 1-30.....	3			
Total for State.....		78		
Pennsylvania:				
Philadelphia.....	July 10-24.....	4		
Total for State.....		4		
Tennessee:				
Knoxville.....	June 20-Aug. 21.....	7		
Total for State.....		7		
Texas:				
Anderson County.....	Aug. 1-31.....	5		
Archer County.....	June 1-30.....	1		
Baylor County.....	June 1-30.....	22		
Bee County.....	June 1-30.....	6		
Bexar County—San Antonio.....	June 1-July 31.....	1	1	
Bowie County.....	June 13-Oct. 2.....	14		
Cameron County.....	June 1-30.....	7		
Cherokee County.....	June 1-30.....	1		
Childress County.....	June 1-30.....	4		
Concho County.....	Aug. 1-31.....	2		
Ellis County.....	May 1-June 30.....	2		
Galveston County—Galveston.....	June 1-30.....	1		
Gonzales County.....	June 19-25.....	1		
Grayson County.....	May 1-June 30.....	6	2	
Harris County—Houston.....	June 1-30.....	9		
Harrison County.....	June 1-30.....	12		
Hays County.....	Mar. 28-June 19.....	17		
Henderson County.....	June 1-Aug. 31.....	17		
Jefferson County.....	July 1-31.....	8		
Jones County.....	June 1-July 31.....	30		
Kinney County.....	May 1-June 30.....	3		
Lamar County.....	June 1-30.....	2		
Matagorda County.....	June 1-Aug. 31.....	27		
McLennan County.....	May 1-Aug. 31.....	11		
Milam County.....	June 1-30.....	19		
June 1-30.....	5			

November 5, 1909

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Runnels County.....	May 1-July 31.....	26	.....
San Saba County.....	Apr. 9-June 30.....	11	.....
Smith County.....	June 1-30.....	10	.....
Stephens County.....	June 1-30.....	33	1	
Tarrant County.....	May 1-June 30.....	19	3	
Fort Worth.....	June 1-July 31.....	5	.....
Travis County.....	May 1-June 30.....	19	.....
Upshur County.....	May 1-Aug. 31.....	52	.....
Van Zandt County.....	May 1-June 30.....	6	.....
Victoria County.....	Aug. 1-31.....	6	.....
Webb County.....	.....		
Laredo.....	June 19.....	1	.....
Wharton County.....	June 1-30.....	2	.....
Wichita County.....	June 1-30.....	5	.....
Williamson County.....	June 1-Aug. 31.....	12	1	
Total for State.....		442	9	
Utah:				
Boxelder County.....	May 1-31.....	3	.....
Cache County.....	June 1-July 31.....	4	.....
Carbon County.....	June 1-July 31.....	3	.....
Davis County.....	May 1-July 31.....	30	.....
Emery County.....	June 1-July 31.....	4	.....
Garfield County.....	May 1-Aug. 31.....	20	.....
Juab County.....	Aug. 1-31.....	9	.....
Salt Lake County.....	May 1-Aug. 31.....	61	1	
Salt Lake City.....	June 1-Aug. 31.....	99	.....
Sanpete County.....	May 1-July 31.....	29	.....
Summit County.....	May 1-Aug. 31.....	78	.....
Tooele County.....	May 1-31.....	5	.....
Uintah County.....	May 1-Aug. 31.....	47	.....
Utah County.....	May 1-Aug. 31.....	26	.....
Wasatch County.....	Aug. 1-31.....	2	.....
Weber County.....	May 1-Aug. 31.....	6	.....
Total for State.....		426	1	
Virginia:				
Lynchburg.....	June 20-26.....	1	.....
Total for State.....		1	.....
Washington:				
Seattle.....	July 1-Aug. 31.....	8	.....
Spokane.....	June 6-July 3.....	7	.....
Tacoma.....	May 14-June 27.....	6	.....
Total for State.....		21	.....
West Virginia:				
Wheeling.....	Oct. 17-23.....	1	.....
Total for State.....		1	.....
Wisconsin:				
Ashland County.....	Jan. 1-Mar. 31.....	8	.....
Barron County.....	Jan. 1-June 30.....	93	.....
Brown County.....	Apr. 1-June 30.....	18	.....
Buffalo County.....	Jan. 1-Mar. 31.....	5	.....
Burnett County.....	Jan. 1-Mar. 31.....	11	.....
Calumet County.....	Jan. 1-June 30.....	2	.....
Chippewa County.....	Jan. 1-June 30.....	97	1	
Clark County.....	Jan. 1-June 30.....	20	.....
Columbia County.....	Jan. 1-Mar. 31.....	1	.....
Dane County.....	Apr. 1-June 30.....	6	.....
Douglas County.....	Jan. 1-June 30.....	11	.....
Dunn County.....	Jan. 1-June 30.....	39	2	
Fond du Lac County.....	Jan. 1-June 30.....	3	.....
Jackson County.....	Jan. 1-Mar. 3.....	1	.....
Juneau County.....	Jan. 1-June 30.....	42	.....
La Crosse County.....	Apr. 1-June 30.....	10	.....
La Crosse.....	June 13-Oct. 9.....	3	.....
Manitowoc County.....	Jan. 1-June 30.....	41	.....
Marathon County.....	Jan. 1-June 30.....	2	.....
Milwaukee County.....	Apr. 1-June 30.....	24	.....
Milwaukee.....	June 2-Oct. 2.....	3	.....
Oconto County.....	Jan. 1-June 30.....	25	1	
Oneida County.....	Apr. 1-June 30.....	1	.....
Outagamie County.....	.....		
Appleton.....	June 20-July 31.....	22	.....
Ozaukee County.....	Jan. 1-Mar. 31	13	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Pepin County	Jan. 1-Mar. 31	2		
Pierce County	Jan. 1-Mar. 31	4		
Polk County	Jan. 1-June 30	19		
St. Croix County	Jan. 1-June 30	65		
Sheboygan County	Jan. 1-June 30	46		
Taylor County	Jan. 1-Mar. 31	5		
Trempealeau County	Jan. 1-Mar. 31	3		
Vernon County	Jan. 1-Mar. 31	51		
Walworth County	Apr. 1-June 30	1		
Washburn County	Jan. 1-June 30	14		
Waukesha County	Jan. 1-Mar. 31	5		
Waupaca County	Jan. 1-June 30	27		
Waushara County	Jan. 1-Mar. 31	1		
Winnebago County	Jan. 1-June 30	17		
Wood County	Apr. 1-June 30	2		
Total for State		763	4	
Grand total for the United States		5,208	27	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 2-November 5, 1909.

Place.	Date.	Cases.	Deaths.	Remarks.
California: Alameda County— Sunol.....	Aug. 2-12..... Sept. 24.....	1 1	1	Case sickened July 27. In vicinity of Sunol.

Weekly morbidity and mortality table, cities of the United States.

[For smallpox and plague, see special tables.]

Cities.	Population, United States census, 1900.	Week ended—	Total deaths from all causes.	Tuber- culosis.	Enteric fever.	Scarlet fever.	Diph- theria.	Measles.	Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.			
Altoona, Pa.	38,973	Oct. 23	11	1	1	3	2	2	4	
Alvarado, Tex.	1,342	Oct. 22	2	1	1			1	1	
Ashtabula, Ohio.	12,949	Oct. 23	1							
Baltimore, Md.	508,957	do.	164	19	22	19	4	8	0	14
Biddeford, Me.	16,145	do.	5							2
Binghamton, N. Y.	38,647	do.	10		1	1		1	3	
Boston, Mass.	590,892	do.	202	53	27	23	9	25	1	53
Bradford, Pa.	15,029	do.	4			1			1	
Brockton, Mass.	40,063	do.	12	3	2	3			1	
Butler, Pa.	10,853	Sept. 11	7	5	1	3		2		
Do.		Sept. 18	4			3		5	1	2
Do.		Sept. 25	5		1	5	1	2		2
Do.		Oct. 2	6			1	1			1
Do.		Oct. 9	4		2			1		1
Do.		Oct. 16	6	3				3		
Cambridge, Mass.	91,886	Oct. 23	21	4	5	11		5	8	5
Camden, N. J.	75,935	do.	32					1	0	7
Carbondale, Pa.	13,536	do.	3			2		1		3
Charlotte, N. C.	18,091	Oct. 22	4			4		2		8
Chelsea, Mass.	34,072	Oct. 23	8					3	2	1
Chicago, Ill.	1,608,575	Oct. 16	542		60	7		9	13	
Do.		Oct. 23	598	94	64	19	7	110	2	147
Chicopee, Mass.	19,167	do.	4	2	4	1				
Cincinnati, Ohio.	325,902	do.	111	21	13	2	1	11	1	23
Cleveland, Ohio.	381,768	Oct. 22	141	13	13	23	2	14		30
Clinton, Mass.	13,667	Oct. 23	5		1					3

November 5, 1909

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Population, United States census, 1900.	Week ended	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles,	Whoop-
				closis.	fever.	fever.	theria.	Cases.	ing cough.
Columbus, Ga.	17,614	Oct. 16	10	1					
Do.	17,614	Oct. 23	10						
Columbus, Ohio	125,560	do	33	9	5	4	10	12	1
Concord, N. H.	19,632	Oct. 16	5					6	
Covington, Ky.	42,938	Oct. 23	14	3			1	1	
Danville, Ill.	16,534	do	13	2	2		1	5	1
Dayton, Ohio	85,333	do	39	1	3	2	1	2	1
Detroit, Mich.	285,704	do	137				31	4	19
Duluth, Minn.	80,000	Oct. 22	11	2	3	1	5	11	
Dunkirk, N. Y.	11,616	Oct. 23	8	1	2	1			
Elkhart, Ind.	15,184	do	10	1	1		1		1
Elmira, N. Y.	35,672	do	11		3	1	4		
El Paso, Tex.	15,905	Oct. 19	31	5	8	4	1		
Evansville, Ind.	59,007	Oct. 23	21	5	1	4	42	12	2
Everett, Mass.	24,336	do	6				3	1	
Fall River, Mass.	104,833	do	42	12	2	6	5		4
Jacksonville, Fla.	28,429	Oct. 17	19	1	2	1	2	2	
Jersey City, N. J.	206,453	Oct. 24	76		6		9	11	3
Galveston, Tex.	37,789	Oct. 22	6	2			2	2	
Grand Rapids, Mich.	87,565	Oct. 23	28	3	1	9	23	2	1
Harrison, N. J.	10,596	Oct. 16	4				2		
Do.	19,596	Oct. 23	4	1	1			2	
Hartford, Conn.	79,820	Oct. 17	22	5	2		3	3	
Haverhill, Mass.	37,175	Oct. 23	12	3	3	1	2	2	
Homestead, Pa.	12,554	Oct. 14	3			1	10	1	
Do.	12,554	Oct. 7	5			1	7	1	1
Do.	12,554	Oct. 21	3			1		2	1
Houston, Tex.	44,633	Oct. 23	19		2			2	
Hyde Park, Mass.	13,244	do	1			1			
Johnstown, Pa.	35,936	do	16	1	1	1	2	2	4
Do.	35,936	Oct. 16	20		2	5	1	2	3
Kalamazoo, Mich.	24,404	do	8	1		1			
Kansas City, Kans.	51,418	Oct. 23	18	1		5	1	7	
Kansas City, Mo.	163,752	do	53	2	6	6	12	31	2
Kingston, N. Y.	24,535	do	10		1				
Knoxville, Tenn.	32,637	do	7		2	1	1	1	
La Crosse, Wis.	28,895	do	10				2	3	
La Fayette, Ind.	18,116	Oct. 25	11						
Lancaster, Pa.	41,459	Oct. 23	17	9	1	3	1	1	
Lebanon, Pa.	17,628	do	7		1	2	1		1
Lexington, Ky.	26,369	Oct. 16	12		3		1		1
Do.	26,369	Oct. 23	15				2	3	1
Los Angeles, Cal.	102,479	Oct. 22	68	13	9	1	7	1	10
Macon, Ga.	22,746	Oct. 21	2					1	1
Manchester, N. H.	56,987	Oct. 23	25	3	3			8	33
Mansfield, Ohio	17,650	do				1			
Malden, Mass.	33,664	Oct. 27	20	1	3		8	1	
Manitowoc, Wis.	11,786	Oct. 23	0	1				2	
Massillon, Ohio	11,944	do	3			2	1		
Marinette, Wis.	16,195	do	2	1	1		8	1	
Marlborough, Mass.	13,609	Oct. 16	3	2		1		1	
Do.	13,609	Oct. 26	8	2		2	3	4	3
Medford, Mass.	18,244	Oct. 23	2	1				5	
Melrose, Mass.	12,962	Oct. 16	4				1		
Milwaukee, Wis.	285,315	Oct. 23	92	11	6	8	2	66	5
Mobile, Ala.	38,469	Oct. 16			3			1	
Moline, Ill.	17,248	do	3				1		
Do.	17,248	Oct. 23	7					1	
Montclair, N. J.	13,962	do	9	1	2			1	
Morristown, N. J.	13,000	do	2	1			1		
Mount Vernon, N. Y.	21,228	do	7			1		2	
Nanticoke, Pa.	12,616	Oct. 24	4			2	4	1	
Nashville, Tenn.	80,865	Oct. 23	40	2	2	5	5	13	10
Nebraska City, Nebr.	7,200	do	5			2			5
Newark, N. J.	246,070	do	126	22	12	6	1	15	29
New Bedford, Mass.	63,442	do	37	6	1	5	1	10	3
Newburyport, Mass.	14,478	do	5	1	1				2
New Orleans, La.	278,104	do	108	18	13	4	1	17	
Newport, Ky.	28,301	do	8						
Newton, Mass.	33,587	do	5			1	4		2
New York City	3,437,202	do	1,346	542	145	107	25	118	3
Niagara Falls, N. Y.	19,457	do	8	1	1	5	1		
Norristown, Pa.	22,265	do	9				6		2
North Adams, Mass.	24,200	do	2			2			
Northampton, Mass.	18,643	do	6						

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Population, United States census, 1900.	Week ended—	Total deaths from all causes.	Tuber- culosis.	Enteric fever.	Scarlet fever.	Diph- theria.	Measles.	Whoop- ing cough.
				Cases.	Cases.	Cases.	Cases.	Cases.	Cases.
Orange, N. J.	24,141	Oct. 23	5	2	1	2		2	
Palmer, Mass.	7,801	do	5					1	
Peekskill, N. Y.	10,358	Oct. 6	6			3	2		
Philadelphia, Pa.	1,293,697	Oct. 9	458	45	10	5	8	1	2
Do.	1,293,697	Oct. 16	409	53	4		7	1	
Pittsburg, Pa.	321,616	Oct. 23	171	39	7	19	5	11	2
Pittsfield, Mass.	21,766	do	6		1				
Plainfield, N. J.	15,369	do	6			1			
Plymouth, Pa.	13,649	do		2	1		1	1	
Portland, Me.	50,145	Oct. 9	19	3	1	1			1
Do.	50,145	Oct. 16	14	1	2	1		1	
Portsmouth, N. H.	10,637	Oct. 23			1				
Portsmouth, Va.	17,427	Oct. 26	6		1	1	3	1	
Pottstown, Pa.	13,696	Oct. 23	7		2		2		
Providence, R. I.	175,597	do	47	12	6	6	11	11	7
Reading, Pa.	78,961	Oct. 25	32	8	2	13	5	1	3
Rock Island, Ill.	31,051	Oct. 23	6	1	1				
San Antonio, Tex.	53,321	Aug. 7	1			15	1	2	1
Do.	53,321	Aug. 14	0		9				
Do.	53,321	Aug. 21	1		9	1		1	
Do.	53,321	Aug. 28	2			1			
Do.	53,321	Sept. 4	0		4				
Do.	53,321	Sept. 11	4		5	3		1	1
Do.	53,321	Sept. 18	0		1			1	
Do.	53,321	Sept. 25	0		3			2	
Do.	53,321	Oct. 2	0		3			4	
Do.	53,321	Oct. 9	0		5			2	1
Do.	53,321	Oct. 16	0		2			1	
San Francisco, Cal.	342,782	do	111	43	16	5	2	9	13
San Jose, Cal.	21,500	do	6	1	1			2	8
Somerville, Mass.	61,643	Oct. 23	17	2	4	6	7	7	1
South Bend, Ind.	35,999	do	14	1	1	1	1		
South Bethlehem, Pa.	13,241	do	8	4	2				
Spokane, Wash.	38,848	Oct. 9		2	19	4	11	4	2
Springfield, Mass.	62,050	Oct. 23	24	2	4	2	1	7	1
Springfield, Ohio	38,253	Oct. 16	9	2				6	
Steelton, Pa.	12,068	Oct. 23	3		1	1		2	8
Superior, Wis.	31,091	do	4					3	
St. Louis, Mo.	575,238	Oct. 16	217	25	32	37	2	15	2
Do.	575,238	Oct. 23	220	30	26	20	4	20	3
Tacoma, Wash.	37,714	Oct. 17	19		4	1	1	8	1
Taunton, Mass.	31,036	Oct. 23	20	1		5	2	2	
Terre Haute, Ind.	36,673	do	21	3	5	1	1	4	1
Titusville, Pa.	8,244	do	4						
Trenton, N. J.	73,307	do		6	2	3		3	2
Waltham, Mass.	23,481	do	5	2		4	1		2
Warren, Ohio	8,529	do	3		1	1	1		
Weymouth, Mass.	11,324	do	2					1	
Wilkinsburg, Pa.	13,000	Oct. 21	5	4	1		1		
Wilmington, Del.	76,508	Oct. 23	25	1		2			
Woburn, Mass.	14,254	do	3	1				11	
Worcester, Mass.	118,421	Oct. 16	32	1	4	6		5	1
Do.	118,421	Oct. 23	37	3	1	9	2	7	4
Yonkers, N. Y.	47,931	Oct. 21	19	4	2	2	1	2	15
York, Pa.	33,708	Oct. 23						3	
Zanesville, Ohio	23,538	do	11	2	2	1		1	

FOREIGN AND INSULAR.

AUSTRALIA.

Report from Melbourne—Plague on steamship Zoroaster.

Consul Jewell reports September 9:

On June 4 steamship *Zoroaster* arrived at Bunbury via Colombo with a case of plague on board. All necessary precautions were taken. Prior to that date no case of plague had occurred at Bunbury during the past two years.

Examination of rodents at Sydney for plague infection.

The following information is taken from bulletins issued by the department of health of New South Wales, under dates of September 13 and 18:

Date on which last plague case was reported, May 29, 1909.

Date on which last plague infected rodent was found, June 15, 1909. Week ended September 13. Rodents destroyed, 1,350; examined, 387; found infected, 0. Week ended September 18. Rodents destroyed, 1,270; examined, 336; found infected, 0.

BARBADOS.

Reports from Bridgetown—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Urquhart reports, October 9 and 16:

Week ended October 9. Bills of health issued to 8 vessels, having a total of 322 members of crews and 46 passengers. One vessel was fumigated. The sanitary condition of vessels, cargoes, crews, and passengers was good. The sanitary condition of the port remains good; no quarantinable disease was reported for the port or island during the week.

Week ended October 16. Bills of health issued to 9 vessels, having a total of 425 members of crews and 130 passengers. Three vessels were fumigated. The sanitary condition of vessels, cargoes, crews, and passengers was good. The sanitary condition of the port remains good; no quarantinable disease was reported for the port or island during the week.

BELGIUM.

Cholera in vicinity of Antwerp.

The following information was received through the Department of State, under date of October 26:

American minister at Brussels cables: "Eight cases of Asiatic cholera officially declared near Antwerp; six fatal."

BRAZIL.

Report from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox.

Acting Assistant Surgeon Stewart reports, September 30:

Two weeks ended September 25. Vessels inspected and bills of health issued: September 14, the British steamship *Italian Prince*, for New York, with coffee, no passengers, and no change in the crew personnel; on the same date the British steamship *Ethalstan*, for Port Eads, in water ballast, with no passengers and with 2 new members of the crew signed on here; on the same date the Brazilian steamship *Goyaz* for New York, in general cargo and with 17 cabin and 3 steerage passengers, and with entire crew signed on here, the home port of this vessel; September 18, the British steamship *Verdi*, for New York, in coffee and general cargo, with 21 cabin and 9 steerage passengers, and with no change in the crew personnel; September 20, the German steamship *Galicia*, for New York, with no passengers, and with no change in the crew, in coffee cargo; September 24, the British steamship *Coquet*, for New Orleans, with coffee, no passengers and no change in the crew personnel; and on the same date the British steamship *Torr Head*, for Tampa, in water ballast, with no passengers and no change in the personnel of the crew. No other vessels requiring inspection left this port during the period under report.

Total estimated population of Rio de Janeiro, 811,443. Census population, 1907, 628,675.

Week ended September 19. Total deaths 224. No deaths nor cases due to yellow fever or plague. Smallpox caused no deaths, but there were 4 new cases reported. At the close of the week there were in the Hospital São Sebastiao, 10 cases of smallpox and 2 of plague under treatment, and 31 suspicious cases of illness held for observation.

Week ended September 26. Total deaths 226. No cases nor deaths due to yellow fever. Plague caused 1 death, with 1 new reported case. Smallpox caused no deaths, but there were 3 new cases reported. At the close of the week there were in the Hospital São Sebastiao, 7 cases of smallpox and 2 of plague under treatment, and 37 cases of suspicious illness held for observation.

CHINA.

Reports from Amoy—Inspection of vessels—Cholera, plague, and smallpox—Quarantine against arrivals from Amoy at ports in the Netherland Indies removed.

Passed Assistant Surgeon Foster reports, September 13 and 20: Week ended September 11. One bill of health issued.

September 7, the British steamship *Taisang*, with 65 in crew, 22 cabin and 27 steerage passengers for Manila, was granted an original bill of health. Two Chinese were rejected. The crew and steerage passengers were bathed and their clothing was disinfected by steam. All on board were inspected at the time of sailing. Manifests were viséed for 343 pieces of freight. Vessel anchored in the stream while in port.

November 5, 1909

During the week ended September 11, there were 46 deaths from plague, 19 from cholera, and 1 from smallpox in Amoy.

September 6, the following notice was issued by the consul for the Netherlands: The Government of the Netherland Indies has removed the quarantine on vessels arriving from Amoy.

Week ended September 18. There were no bills of health issued from this office.

During the week there were 40 deaths from plague and 20 from cholera in Amoy.

Reports from Hongkong—Quarantine restrictions—Examination of emigrants—Inspection and fumigation of vessels.

Acting Assistant Surgeon Hough reports, September 13 and 21:

Week ended September 11. Restrictions enforced by Hongkong remain as reported on July 17, 1909. Governments of Madras, Chefoo, and Newchwang have removed the quarantine restrictions against Hongkong.

Aliens for Honolulu and Pacific coast ports.—Examined, 285; rejected, 34.

Aliens for Philippine Islands.—Examined, 7; rejected, 2.

Vessels inspected and fumigated.—Inspected, 10; fumigated to destroy rats, 1.

Week ended September 18. Restrictions enforced by Hongkong remain as reported.

Aliens for Honolulu and Pacific coast ports.—Examined, 15; rejected, 6.

Aliens for Philippine Islands.—Examined, 13; rejected, 6.

Inspection of vessels.—Vessels granted bills of health, 12; bills of health granted, without inspection, to the U. S. cruisers *Charleston*, *Cleveland*, *Denver*, and *Galveston*, with a total personnel of 1,876; vessels fumigated to destroy rats, 5.

Reports from Shanghai—Inspection of vessels—Cholera in Korea—Cholera at Hankow.

Acting Assistant Surgeon Ransom reports, September 22 and 28:

Week ended September 18. One original and 3 supplemental bills of health granted to 4 steamships, the aggregate personnel of which amounted to 1,236. Inspected 2 vessels, 113 members of crew, and 52 steerage passengers. Bathed 60 members of crew and 49 steerage passengers, and their effects, numbering 165 pieces, were disinfected by steam. The forecastle of one vessel was rendered mechanically clean. Manifests were viséed for 15,515 pieces of freight. There were examined and passed 52 emigrants for the United States (San Francisco per steamship *Korea*), while 10 were recommended for rejection on account of trachoma. This constitutes a record for emigrants from Shanghai. There has been a steady increase in the number of emigrants for the United States for some weeks. The passengers are chiefly British Indians.

The United States cruiser *Chattanooga* was in this port 3 days, en route to Manila. The vessel anchored at Woosung, and no liberty ashore was allowed to anyone but the surgeon. An original bill of

health was granted upon the certificate of the surgeon to the effect that there had been no case of contagious disease on board.

The steamship *Suveric*, Yangtze River ports to Manila direct, was in this port for 24 hours, anchored in the stream. Her entire Asiatic crew and 3 Asiatic steerage passengers, numbering altogether 63, were bathed and their effects disinfected by steam immediately before departure. No cargo was shipped here, and no liberty was allowed. The vessel and personnel were inspected at the hour of sailing.

The steamship *Aragonie*, Yokohama to New York via this and Suez ports, was in this port for 4 days, anchored in the stream. No rat guards were used on the lines as required. Liberty was allowed by the master to the entire personnel, and loading was carried on during the entire 24 hours. The vessel and her personnel were inspected at the hour of sailing. She was postponed for 1 day beyond the original sailing date, and left on Thursday instead of Wednesday.

The steamship *Korea*, Hongkong to San Francisco via Shanghai and Japan ports, remained in this port for 24 hours, anchored at Woosung. Liberty was allowed to the cabin passengers only, and loading was done by daylight. Forty-nine steerage passengers for San Francisco were bathed and their effects disinfected by steam.

Cholera is epidemic in Seoul, 60 new cases having been reported September 21. Hankow reports 5 cases for the period ended September 11.

Week ended September 25. One original and 1 supplemental bill of health granted to 2 steamships, the aggregate personnel of which amounted to 224 persons. There were inspected 165 members of crew and 17 steerage passengers. Fifty members of crew were bathed and their effects disinfected by steam. One vessel was disinfected throughout.

The steamship *Shinano Maru*, Hongkong to Seattle via this and Japanese ports, was in this port for 24 hours, anchored in the stream, with rat guards on all lines. Loading was carried on from lighters day and night. Liberty was granted by the master to officers and cabin passengers. Inspection was held on board at the hour of departure.

The steamship *Kalibia*, Yangtze River ports to Manila and New York, was in this port for 24 hours, in the stream at Woosung. This vessel stopped at Shanghai for the purpose of securing a bill of health and being disinfected. The holds, which were entirely empty, and the crew's quarters were fumigated with SO₂ for 12 hours.

There has been no change in the general health conditions of Shanghai during the week.

A severe epidemic of cholera is reported in Korea, and 100 new cases per day are reported in Seoul. Cholera is also present at Hankow among natives.

COSTA RICA.

Report from Limon, fruit port—Stegomyia present.

Acting Assistant Surgeon Harris reports:

Week ended October 11. Estimated population, 8,000. General sanitary condition of this port and the surrounding country during the week, good.

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Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 6	Abangarez.....	86	6	44	0
8	Helen.....	22	0	0	0
9	Parismina.....	81	^{a b} 12	1	0
10	Montserrat.....	118	38	47	0
11	Prinz Aug. Wilhelm.....	109	58	7	0

^a Three to New Orleans.^b Nine to Puerto Barrios.

CUBA.

Report from Cienfuegos—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Suarez reports, October 20:

Week ended October 16.

Vessels inspected.....	3
Bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	106

The sanitary condition of the city and port is satisfactory; no quarantinable disease reported.

Reports from Habana—Inspection of vessels—House and water-deposit inspection.

Passed Assistant Surgeon Amesse reports, October 19 and 25:

Week ended October 16.

Bills of health issued.....	19
Vessels inspected.....	17
Members of crews of outgoing vessels inspected.....	806
Passengers of outgoing vessels inspected.....	275

For the first ten-day period of October, the local inspectors report 17,889 premises inspected and 16,982 possible breeding places for mosquitoes petrolized; 42,000 cans were removed; 20,920 linear meters of ditching cleaned and 132 square meters of public land cleared of vegetation.

In this work, 55 deposits of mosquito larvae were encountered of which but 15 proved to be collections of Stegomyia.

Week ended October 23.

Bills of health issued.....	19
Vessels inspected.....	15
Crews of outgoing vessels inspected.....	639
Passengers of outgoing vessels inspected.....	295

For the ten-day period ending October 20, there were 19,063 houses inspected, in which 29 deposits of larvae were found. Of these collections, but 16 showed larvae of Stegomyia.

In addition, 12,251 possible breeding places were petrolized; 46,000 cans removed from premises and 16,000 linear meters of ditching cleared.

Report from Santiago—Inspection of vessels—House and water-deposit inspection.

Acting Assistant Surgeon Wilson reports, October 20:

Week ended October 16. Bills of health issued to 8 vessels bound for the United States. No vessel disinfected. No case of quarantinable disease reported.

The sanitary department reports 2,673 houses inspected during the week and larvae found in 15 water deposits.

ECUADOR.

Report from Guayaquil—Status of plague and yellow fever.

Passed Assistant Surgeon Lloyd reports, October 7:

During the period from September 16 to 30, 38 new cases of plague in Guayaquil, with 15 deaths, and 8 new cases of yellow fever, with 3 deaths, were reported.

Cholera in Germany.

The following information is received from the Department of State, under date of October 25:

Consul-General Thackara cables:

One death cholera, Tilsit, October 11; 2 deaths Andraischken district, Niederung, October 16 and 20; 1 case, child, October 24, Heyseekrug district. All cases isolated. Proper precautionary measures being taken. No cases at control stations. Fifteen new stations established to supervise raft and river traffic on Russ, Gilge, Vistula, Oder, Rhine. Authorities consider danger disease spreading slight.

GUATEMALA.

Report from Puerto Barrios, fruit port.

Acting Assistant Surgeon Ames reports as follows:

Week ended October 16. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 11	Ponsmina	New Orleans via Belize....	81	11	3
14	Belize.....	Mobile via Belize.....	18	0	0
15	Belvernon	New Orleans via Belize....	24	0	2

Temperature taken of all persons on board day of sailing.

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HAWAII.***Report from Honolulu—Dates of last cases of human and rat plague—Examination of rats for plague infection.***

Chief Quarantine Officer Hobdy reports, October 11:

HONOLULU.

Last case rat plague (Aiea), 9 miles from Honolulu, August 22, 1907.

Last case human plague, Honolulu, July 17, 1907.

Last case rat plague (Pepeekeo), Hilo, Hawaii, October 5, 1909.

Last case human plague (Pepeekeo), Hilo, Hawaii, October 4, 1909.

Week ended October 9, 1909.

Total number of rats taken.....	609
Trapped.....	467
Found dead.....	0
Shot from trees.....	142
Examined bacteriologically.....	410
Found plague-infected.....	0
Classification of rats trapped:	
Mus alexandrinus.....	66
Mus musculus.....	171
Mus norvegicus.....	50
Mus ratus.....	180
Classification of rats shot from trees:	
Mus alexandrinus.....	39
Mus ratus.....	85
Average number of traps set daily.....	1,294

HILO.

Hilo rat cases referred to this laboratory for bacteriological diagnosis.....	10
Hilo human cases referred to this laboratory for bacteriological diagnosis.....	1
Hilo rat cases proven to be pest infection during week.....	0
Hilo rats still under investigation.....	19
Hilo human cases still under investigation.....	1

HONDURAS.***Report from Ceiba, fruit port.***

Acting Assistant Surgeon Jumel reports:

Week ended October 20. Present officially estimated population, 6,800. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 16	Rosina.....	33	2	0	0
18	Colombia.....	20	1	0	0
20	Orleanian.....	32	8	0	0
20	Harald.....	17	0	0	0

Temperature of all persons on board above-named vessels taken at time of clearance.

Report from Tela, fruit port.

Acting Assistant Surgeon Roe reports:

Week ended October 16. Present officially estimated population, about 1,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 12	Viator	New Orleans	17	0	0
14	Colombia	Mobile	20	0	0
16	Fjell	New Orleans	17	0	0

ITALY.

Reports from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples.

Surgeon Geddings reports, October 9:

Vessels inspected at Naples and Palermo week ended October 9.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Oct. 3	Regina d'Italia	New York	358	50	380
5	Romanic	Boston	844	190	1,350
7	San Giovanni	New York	77	10	120
8	Calabria	do	94	25	160
	Total		1,373	275	2,010

PALERMO.

Oct. 4	Regina d'Italia	New York	386	500	200
8	San Giovanni	do	289	450	150
9	Calabria	do	192	300	100
	Total		867	1,250	450

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Oct. 3	Regina d'Italia	16	1	6	.....	4	27
5	Romanic	33	1	14	.....	5	53
7	San Giovanni	6	.....	.....	.....	6	6
8	Calabria	5	1	.....	.....	1	7
	Total	60	3	20	.....	10	93

PALERMO.

Oct. 4	Regina d'Italia	17	.....	25	.....	42
8	San Giovanni	23	.....	18	.....	42
9	Calabria	10	.....	6	.....	16
	Total	50	.....	49	.....	100

Smallpox in Naples.—Week ended October 10, 1909, there were 6 cases reported.

JAPAN.

Report from Yokohama—Examination of emigrants.

Passed Assistant Surgeon Cumming reports, October 4:

Week ended October 2. Bills of health issued to 5 vessels.

No quarantinable disease has been reported in this port or in this part of the Empire during the month of September.

During the month of September 197 steerage passengers were examined with reference to the detection of contagious diseases; 6 were rejected, 29 held for further diagnosis, and 162 passed, of which 153 embarked and were certified; 188 persons were bathed and 438 pieces of baggage disinfected.

Passed Assistant Surgeon Cumming further reports, October 6:

A colony of 30 lepers in this city has been removed to the leper hospital of Tokyo Fu, and among these unfortunates are said to be 3 Hawaiians.

Among the lepers are 2 babies, both afflicted with leprosy.

Reports from Kobe—Inspection of vessels—Examination of emigrants—Plague.

Acting Assistant Surgeon Knight reports, September 25 and 29:

Week ended September 18. Supplemental bills of health were granted to 2 steamers.

There were inspected 98 members of crew and 567 steerage passengers. Manifests were viséed for 4,205 pieces of freight, amounting to 482 tons. During the week 17 bales of feathers (chicken) were disinfected with formalin.

The official returns of infectious diseases for the week show that there were reported in Kobe 7 cases plague, with 6 deaths.

Week ended September 25:

Bills of health were granted to 7 steamers.

Seven hundred and seven members of crew, 455 steerage passengers and 99 cabin passengers were inspected. Forty-seven members of crew and 18 steerage passengers were bathed and had their effects disinfected by steam. Manifests were viséed for 67,750 pieces of freight, amounting to 6,684 tons. During the week 34 cases of human hair were disinfected with formalin.

Emigrants were examined as follows:

Steamship *Korea* for Honolulu, passed 5; recommended for rejection, 10.

Steamship *Korea* for San Francisco, passed 0; recommended for rejection, 1.

Steamship *Shinano Maru* for Seattle, passed 2; recommended for rejection, 11.

The emigrants passed, together with 10 Indian passengers to Honolulu by the steamship *Korea*, and 1 for Canada by the steamship *Shinano Maru*, were inspected and bathed, and had their effects disinfected and underwent seven days' quarantine detention at Ono before embarkation.

The official returns of infectious diseases for the week show that there were reported in Kobe 2 cases of plague, with 2 deaths.

JAVA.

Report from Batavia—Cholera.

American Consul Rariden reports under date of September 20:

Cholera appeared in Batavia district September 12. Thirty-five cases with 30 deaths have been reported up to September 18. The disease has been confined entirely to the natives and Chinese.

Cholera in the district of Djambi, Sumatra, has almost entirely disappeared. There were 18 cases with 14 deaths in the month of August in this district.

MEXICO.

Report from the Superior Board of Health of Mexico—Yellow fever at Merida.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington October 14, 1905, the president of the Superior Board of Health of Mexico reports that for the week ended October 16, 1 case of yellow fever was registered October 14, in the city of Merida and that prophylactic measures against the disease continued to be carried out.

Report from Coatzacoalcos—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Thompson reports, October 21:
Week ended October 20.

Three vessels inspected; 1 vessel fumigated.

No case of quarantinable disease has been reported.

Reports from Progreso—Inspection and fumigation of vessels—Sanitary conditions—Mosquitoes.

Acting Assistant Surgeon Harrison reports, October 16:

Week ended October 9.

Vessels inspected	5
Vessels fumigated	3
Members of crews	214
Passengers from this port	19

No changes of any great importance in sanitary conditions were noticeable in Progreso, while Merida continued to be yellow-fever infected. Persistence of strong northerly winds reduced the number of mosquitoes appreciably.

Week ended October 16.

Vessels inspected	7
Vessels fumigated	4
Members of crews	265
Passengers from this port	13

No changes of interest occurred in the health of the port.

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Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Stowe reports, October 21:

Week ended October 20.

Vessels inspected and passed.....	5
Bills of health issued.....	5
Members of crews of outgoing vessels inspected.....	130
Passengers of outgoing vessels inspected.....	15
Vessels fumigated prior to sailing.....	2

No case of quarantinable disease occurred during the week. Sanitary condition of port and surrounding country, good.

Report from Veracruz—Inspection and fumigation of vessels—Smallpox—Sanitary conditions.

Acting Assistant Surgeon Carter reports, October 18:

Week ended October 17.

Bills of health issued	7
Vessels inspected.....	1
Vessels fumigated.....	6
Passengers inspected.....	90
Members of crews inspected.....	294

The sanitary conditions of Veracruz and vicinity remain fairly good. Four cases of smallpox with 1 death were reported during the week. These cases were from other points and are isolated in the lazaretto, all contacts being vaccinated. There are few mosquitoes in the city.

NETHERLANDS.

Report from the Hague—Cholera at Hattem.

The following information was received through the Department of State, under date of October 23.

Week ended October 8: Four new cases of Asiatic cholera were reported at Hattem in the Netherlands, members of one family. One of the cases resulted fatally. Vigorous measures were taken to prevent the spread of the disease.

PERU.

Reports from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague at Iquique, Chile.

Acting Assistant Surgeon Gutierrez reports, October 6 and 9.

Week ended October 2:

Two steamers and 1 sailing vessel were inspected with an aggregate personnel of 182 crew, 47 cabin and 97 steerage passengers.

Week ended October 9:

One steamer, with an aggregate personnel of 99 crew, 68 cabin and 50 steerage passengers, was inspected and fumigated. One sailing vessel, bound to Seattle, Washington, was fumigated prior to sailing.

The last case of plague at Callao was reported September 1. Since May last the plague situation has shown notable improvement here, but nevertheless rigorous precautions are still put in force by this office, especially with the vessels that are dispatched to the Canal Zone.

The following is the latest report on plague in Peru received from the Director de Salubridad Publica:

Locality.	Cases.	New, Septem- ber 10.	Recov- ered.	Died.	Remained, Septem- ber 23.
Department of Lima.....	6	3	2	2	5
Department of Libertad.....	4	5	3	2	4
Department of Piura.....	4	5	4	5	0
Department of Arequipa.....	1	1	0	2	0

Bills of health report the plague in Chile as follows:

Iquique, September 22: Two cases in the lazaretto, and 1 case with 1 death in the past two weeks.

RUSSIA.

Report from Libau—Status of cholera in Russia.

Acting Assistant Surgeon De Forest reports, October 9:

Cholera in Russia, period from October 2 to October 8, 1909, inclusive.

	Cases.	Deaths.		Cases.	Deaths.
St. Petersburg.....	243	87	Kem.....	1	0
Kreusholm.....	4	3	Mohilev.....	16	2
Joachimstat.....	5	7	Kremenschug.....	19	9
Wesenberg.....	1	1	Kiev.....	25	12
Riga.....	16	4	Ekaterinoslav.....	2	0
Dorpat.....	4	0	Kalachua.....	3	5
Dvinsk.....	4	1	Astrachan.....	9	4
Polotzk.....	3	0	Novgorod government.....	39	7
Tver.....	23	11	Novotscherkask.....	1	0
Tver government.....	18	11	Baku.....	4	1
Jarislav.....	59	36	Tschernigov.....	12	4
Jarislav government.....	6	1	Nikolayevsk.....	23	10
Rubulsk.....	19	11	Vladivostok since beginning of epidemic.....	93	50
Kostroma.....	58	24	Pavlograd.....	1	-----
Vologda.....	6	5	Grodno.....	3	2
Archangel.....	10	3			

For steamship *Russia*, sailing October 19, 111 emigrants have been examined. No infectious disease found.

TURKEY.

Report from Smyrna—Smallpox epidemic.

Consul-General Harris reports, October 5:

Smallpox is now epidemic in Smyrna. The available statistics give only the number of deaths, and during the past month show a decided increase from 5 per week to 23 the week before last. The actual number of deaths from this disease, however, is much greater owing to the fact that the correct cause of death is not always given.

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October 4. The French consul-general who arrived at this post only two months ago from San Francisco, Cal., died of black smallpox in its most malignant form, after a few days illness.

October 4, 8 deaths, and October 5, 16 deaths were reported.

VENEZUELA.

Reports from La Guaira—Inspection of vessels.

Acting Assistant Surgeon Kellogg reports, October 3 and 10:

Week ended October 2:

No quarantinable diseases were reported in La Guaira or vicinity. The steamship *Prins Willem III* was inspected and given a bill of health.

Week ended October 9. Health conditions in La Guaira remain good so far as quarantinable diseases are concerned.

The usual precautionary measures are being enforced at this station.

Bills of health issued.

Date.	Vessel.	Destination.	Crew.	Passengers in transit.	Passengers taken.
Oct. 6	Zulia.....	New York.....	51	0	6
7	Centurion.....	Galveston.....	40	0	0

ZANZIBAR.

Report from Zanzibar—Plague.

The following cablegram was received from the American consul at Zanzibar, through the State Department, October 26: "Plague, two deaths. No more in appearance."

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

ALGERIA—Algiers.—Month of September, 1909. Estimated population, 155,000. Total number of deaths, 264, including enteric fever 6, whooping cough 2, smallpox 4, scarlet fever 1, measles 1, typhus fever 4, and 57 from tuberculosis.

ARGENTINA—Buenos Aires.—Month of July, 1909. Estimated population, 1,206,165. Total number of deaths, 1,772, corresponding to an annual death rate of 17.6 per 1,000 of population, including entric fever 10, scarlet fever 2, whooping cough 1, smallpox 20, measles 7, diphtheria 8, and 172 from tuberculosis.

AUSTRALIA—Adelaide.—Two weeks ended August 21, 1909. Population, 40,185. Total number of deaths, 163, including whooping cough 1, and 5 from tuberculosis. Two weeks ended September 4,

1909. Population, 40,185. Total number of deaths 165, including whooping cough 1, and 9 from tuberculosis. Two weeks ended August 7, 1909. Population, 40,185. Total number of deaths 138, including 1 from tuberculosis.

Melbourne.—Fortnight ended September 7, 1909. Estimated population, 549,200. Deaths from diphtheria, 2. Fortnight ended September 21, 1909. Estimated population, 549,200. Deaths from scarlet fever 1, diphtheria 3.

Sydney.—Report for the month of August, 1909. Estimated population, 592,100. Total number of deaths, 621, corresponding to an annual death rate of 12.60 per 1,000 of population, including enteric fever 7, diphtheria 6, and 59 from tuberculosis.

BAVARIA—Munich.—Month of August, 1909. Population, 566,000. Total number of deaths, 724, including enteric fever 3, scarlet fever 4, diphtheria 5, measles 9, whooping cough 4, and 129 from tuberculosis.

COSTA RICA—San Jose.—Month of September, 1909. Estimated population, 27,532. Total number of deaths, 52, including enteric fever 3, diphtheria 1, and 12 from tuberculosis.

FRANCE—Cherbourg.—Month of September, 1909. Estimated population, 43,837. Total number of deaths, 54, including 11 from tuberculosis.

Marseille.—Month of September. Population, 517,498. Total number of deaths, 704, including smallpox 2, enteric fever 24, scarlet fever 2, diphtheria 2, measles 2, whooping cough 4, and 118 from tuberculosis.

Roubaix.—Month of September, 1909. Estimated population, 121,115. Total number of deaths, 146, including enteric fever 2 and 22 from tuberculosis.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended October 2, 1909, correspond to an annual rate of 12.3 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand and seventy-nine deaths were registered during the week, including measles 3, scarlet fever 10, diphtheria 13, whooping cough 14, tuberculosis 114, enteric fever 4, and 74 from diarrhea. The deaths from all causes correspond to an annual rate of 11.6 per 1,000. In Greater London 1,516 deaths were registered. In the "outer ring" the deaths included 1 from measles, 1 from scarlet fever, 1 from diphtheria, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 2, 1909, in the 21 principal town districts of Ireland was 16.2 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Portadown, viz, 5.2, and the highest in Lisburn, viz, 36.4 per 1,000.

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Scotland.—The deaths registered in 8 principal towns during the week ended October 2, 1909, correspond to an annual rate of 13.1 per 1,000 of the population, which is estimated at 1,865,571. The highest rate of mortality was recorded in Dundee, viz, 17.6, and the lowest in Greenock, viz, 9.4 per 1,000.

NEW SOUTH WALES—Newcastle.—Estimated population, 53,200. Total number of deaths, 60.

RUSSIA—Libau.—Estimated population 90,000. Deaths from scarlet fever 7, diphtheria 2, measles 1, whooping cough 3.

SPAIN—Almeria.—Month of July, 1909. Estimated population 50,910, corresponding to an annual death rate of 2.36 per 1,000 of population. Total number of deaths 120, including smallpox 3, enteric fever 4, scarlet fever 3, measles 3, whooping cough 2, and 6 from tuberculosis.

Almeria.—Month of August, 1909. Estimated population, 50,910. Total number of deaths, 133, including smallpox 5, enteric fever 2, scarlet fever 1, diphtheria 1, measles 9, whooping cough 1, and 8 from tuberculosis.

Madrid.—Month of September. Estimated population, 573,676. Total number of deaths, 1,115, including smallpox 109, typhus fever 24, enteric fever 7, scarlet fever 2, diphtheria 8, and 121 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from June 26 to November 5, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Belgium:				
Antwerp.....	Oct. 27.....	8	6	In vicinity.
China:				
Amoy.....	June 13-Sept. 18.....	217	5	
Chefoo.....	Aug. 28.....	5		Among Europeans; Sept. 11, epidemic.
Hankow.....	July 17-Sept. 11...	13	5	Sept. 25, still present among natives.
Kang Thau.....	Apr. 1-June 30...	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, present among foreigners and natives; Sept. 18, still present among natives.
Swatow.....	May 11-29.....			Present in vicinity; Aug. 28, 3 cases, 2 deaths, on s. s. Walshing.
Germany:				
Heysenkunig district.....	Oct. 20.....	1		
Konigsberg.....	July 21.....		1	
Niederung.....	Oct. 16-20.....		2	
Pakhsne.....	Sept. 20.....	2	1	Near Russ.
Stoltzenhagen.....	Sept. 18.....		1	25 miles from Stettin.
Tilsit.....	Oct. 11.....		1	
India:				
Bombay.....	May 30-Sept. 21...	18	394	
Calcutta.....	May 16-Sept. 18...		933	
Madras.....	May 29-Aug. 20...		7	
Nagapatam.....	May 8-14...		4	
Rangoon.....	May 16-Sept. 11...		55	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	May 9-July 24.....	23	17	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Kagawa, prefecture.....	Aug. 8-14.....	7		
Karatsu.....	Sept. 1-9.....	11	2	
Kobe.....	Sept. 6-13.....	3	1	
Mitailiri.....	Aug. 22.....	21		
Java:				
Batavia.....	Sept. 12-18.....	35	30	Among natives and Chinese.
Korea:				Epidemic in northern part.
Chemulpo.....	Aug. 28.....			Epidemic.
Seoul.....	Sept. 11.....			Sept. 29, estimated 100 cases daily.
Manchuria:				
Dalny.....	Aug. 11-Sept. 25.....	26	22	Case Aug. 11 on s. s. Kobe Maru.
Liaoyang.....	Aug. 10.....		1	
Mukden.....	Aug. 14.....		1	
Tashihchiao.....	Aug. 11.....		1	
Yinkou.....	Aug. 14.....	6	1	
Netherlands, The:				5 deaths among boatmen from Rotterdam.
Amsterdam.....	Sept. 10.....	1	1	
Breda.....	Aug. 30-Sept. 4.....	1		
Dirksland.....	Sept. 10.....	1		
Dordrecht.....	Aug. 30.....			Present.
Gorkum.....	Aug. 30-Sept. 4.....	1		
Hansweert.....	Sept. 27-Oct. 2.....	3		
Hattem.....	Oct. 1-8.....	4	1	
Holsteren.....	Sept. 1-7.....	1		
Hoogvliet.....	Sept. 1-7.....	1		
Lopik.....	Sept. 27-Oct. 2.....	2		
Middleburg.....	Sept. 4.....	1		
Pernis.....	Sept. 1-7.....	2		
Rotterdam.....	Aug. 20-Sept. 11.....	34	15	
Tholen.....	Sept. 4.....	1		
Uithorn.....	Aug. 30-Sept. 4.....	1		
Utrecht.....	Sept. 4.....	1		
Vlaardinger.....	Sept. 4.....	1		
Philippine Islands:				
Manila.....	July 11-Sept. 11.....	33	23	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported); second quarter 1909, no cholera.
Provinces:				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths; second quarter 1909, 961 cases and 630 deaths.
Albay.....	Aug. 27-Sept. 4.....	353	258	
Ambos Camarines.....	July 4-Sept. 11.....	464	335	
Batan.....	Sept. 5-11.....	11	9	
Bohol.....	Aug. 28-Sept. 11.....	53	33	
Bulacan.....	July 4-Sept. 11.....	214	156	
Cagayan.....	July 11-Sept. 4.....	220	116	
Cebu.....	May 16-Sept. 11.....	126	82	
Dapitan.....	May 9-15.....			Present.
Ilocos Norte.....	Aug. 15-Sept. 11.....	125	64	
Iloilo.....	May 23-June 19.....	28	18	
Isabela.....	July 18-24.....	5	4	
Leyte.....	June 6-July 31.....	22	11	
Moro.....	May 29-July 3.....	9	9	
Mountain.....	June 20-26.....	27	15	
Negros Occidental.....	May 9-15.....	8	2	
Negros Oriental.....	May 16-Sept. 11.....	507	360	
Pampanga.....	May 9-Sept. 4.....	378	268	
Pangasinan.....	June 13-19.....	1		
Rizal.....	July 25-Sept. 4.....	2	2	
Samar.....	May 9-July 10.....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Sept. 11.....	28	23	
Russia, general.....	May 23-Oct. 2.....	11,207	4,690	July 23, present in Kreutzburg, Mahlgraben, Muravjevo, Pinenega, Radsiwilischki, Reval, Schaulen, and Tver.
Alexandrovsk.....	Aug. 28-Oct. 1.....	10	8	
Archangel.....	June 26-Oct. 1.....	355	191	
Astrachan.....	Sept. 17-Oct. 1.....	14	7	
Baku, government.....	July 4-Oct. 1.....	2		
Chmalysk district.....	July 1.....	1		
Courland.....	July 5-Oct. 1.....	245	107	
Cronstadt.....	June 30-Sept. 17.....	66	26	
Dorpat.....	Aug. 14-20.....	1		

November 5, 1909

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Drissa.....	July 23-Sept. 17.....	38	17	
Estonia, government.....	July 1-Aug. 21.....	4	3	
Finland, general.....	July 16.....	1		
Mariengam.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1		
Gadjatschesk.....	Aug. 3-Sept. 3.....	53	18	
Griva.....	Sept. 25-Oct. 1.....	128	56	
Hungerburg.....	July 30-Oct. 1.....	11	7	
Jaroslav, government.....	Sept. 11-Oct. 1.....	361	177	
Jaroslav.....	July 4-Oct. 1.....	470	237	
Kem.....	Aug. 8-Oct. 1.....	47	24	
Kharkov.....	Aug. 1-Sept. 3.....	20	10	
Kherson.....	Oct. 1.....	1		
Kief.....	Sept. 11-Oct. 1.....	26	17	
Kostroma.....	July 23-Oct. 1.....	186	64	July 30, present.
Kretsky, district.....	July 1.....	1		
Livonia.....	July 5-Aug. 21.....	85	41	
Mitau.....	July 15-Oct. 1.....	28	17	
Mohileve, government.....	Aug. 2-Oct. 1.....	131	67	
Moscow.....	July 9-Oct. 1.....	25	9	
Nishni Novgorod.....	July 4-Sept. 17.....	57	31	
Novgorod, government.....	July 4-Oct. 1.....	393	131	
Olonets, government.....	June 20-Aug. 14.....	11	7	
Perm.....	Aug. 2-Oct. 1.....	27	11	
Polotsk.....	June 27-Oct. 1.....	711	202	
Poltava, government.....	Aug. 15-Oct. 1.....	105	47	
Pskov.....	July 1-Sept. 17.....	120	42	
Reval.....	Aug. 21-27.....	2		
Riga.....	July 1-Oct. 8.....	323	127	
Rjasin.....	June 24-July 6.....	3	3	
Rubinsk.....	July 30-Sept. 17.....	185	103	
Samara.....	Aug. 15-17.....	5	2	
Saratov.....	Aug. 15-Oct. 1.....	7	1	
Simbirsk.....	July 13.....	2		
St. Petersburg, government.....	June 9-Oct. 2.....	886	455	
St. Petersburg.....	June 2-Oct. 8.....	5,475	2,125	
Tver, government.....	Aug. 15-Oct. 1.....	348	81	
Viatka, government.....	July 6-24.....	2	2	
Vilna.....	July 11-Aug. 21.....	61	20	
Vitebsk, government.....	July 9-Sept. 17.....	703	261	
Vologda, government.....	May 31-Oct. 1.....	544	234	
Siam:				
Bangkok.....	Apr. 25-May 28.....	1		
Siberia:				
■ Vladivostok.....	Sept. 23-Oct. 1.....	32	14	
Straits Settlements:				
Singapore.....	May 9-Sept. 18.....		20	
Sumatra:				
Djambi.....	July 15-Aug. 20....	220	113	Among natives.
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

YELLOW FEVER.

Barbados, general.....	June 13-Aug. 14....	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia.....	May 22-Sept. 17....	46	22	
Manaos.....	May 23-Aug. 14.....	11	11	Apr. 24-May 1-2 deaths. Reported out of date.
Para.....	May 30-Oct. 9.....	62	54	
Pernambuco.....	Apr. 15-July 31.....		10	
British Guiana:				
Suddie.....	July 22.....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Sept. 11.....		50	
Mexico:				
Merida.....	June 5-Oct. 14.....	11	4	Sept. 11, 2 cases imported from the district of Acanceh.
Tekik.....	Oct. 1.....	1		
Veracruz.....	Sept. 24.....		1	On s. s. Sonora.
Panama:				
Canal Zone—Ancon.....	Mar. 1-31.....			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil.
Venezuela:				
Malquetia.....	Aug. 15-25.....	2	2	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
Adelaide.....	Apr. 30-June 12...	2	2	
Bunbury.....	June 4.....	1	.....	And vicinity. On s. s. Zoroaster.
Mackay.....	Jan. 21-June 6...	2	2	
Sydney.....	Apr. 18-May 29...	5	1	
Azores:				
Terceira.....	June 16.....	3	1	
Bahrein Island, Persian Gulf.....	May 29-June 10...	.....	6	
Brazil:				
Bahia.....	May 22-Sept. 24...	24	21	
Rio de Janeiro.....	May 17-Sept. 26...	6	3	
Chile:				
Antofagasta.....	May 9-30.....	13	5	July 10, 4 cases in the lazaretto.
Iquique.....	May 20-Sept. 22...	23	12	Sept. 22, 2 cases in the lazaretto.
Magillones.....	May 4.....	.....	.....	Still present.
China:				
Amoy.....	June 1-Sept. 18...	.....	955	
Canton.....	May 9-Aug. 7....	325	211	
Chang-Poo.....	July 23.....	.....	.....	Epidemic.
Chinchew.....	May 22.....	.....	.....	Do.
Eng-Ta-Tau.....	July 1-31.....	11	4	
Hongkong.....	May 2-Aug. 18....	92	83	
Kang-be.....	July 24.....	61	59	
Kang Thau.....	Apr. 1-July 31....	125	62	
Pollam.....	May 23-29.....	8	7	
Swatow district.....	May 16-July 3...	.....	450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow.....	May 16-July 19...	.....	2	
Ecuador:				
Babohoyo.....	Sept. 21.....	.....	.....	Present.
Chunchi.....	June 1-30.....	3	1	
Duran.....	July 16-31.....	3	.....	Sept. 21, again present.
Guayaquil.....	May 23-Sept. 30...	149	70	
Huigra.....	May 1-June 15...	16	3	
Egypt:				
Alexandria.....	May 30-Sept. 20...	14	10	
Port Said.....	May 29-Sept. 21...	14	5	
Provinces—				
Assiout.....	May 14-Sept. 28...	48	8	
Beherach.....	June 14-Sept. 8...	37	14	
Galvoobeeyah.....	June 2-Sept. 6...	10	2	
Garbieh.....	June 2-Sept. 14...	47	18	
Fayum.....	June 3-23...	15	6	
Menouf.....	Jan. 18-Aug. 17...	87	17	
German East Africa:				
Muanza district.....	Apr. 30-May 22...	.....	12	
Hawaii:				
Hilo.....	Aug. 19-Oct. 4...	4	3	Cases Sept. 6 and 19 at Papaihou.
Honolulu.....	July 20.....	1	.....	The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Olaa plantation.....	Aug. 20-22.....	3	2	
India:				
Bombay Presidency and Sind.....	May 16-Sept. 4...	5,548	4,150	
Madras Presidency.....	May 16-Sept. 4...	1,944	1,217	
Bengal.....	May 16-Sept. 4...	1,008	846	
United provinces.....	May 16-Sept. 4...	4,202	3,615	
Punjab.....	May 16-Sept. 4...	7,167	6,135	
Burma.....	May 16-Sept. 4...	1,413	1,348	
Central provinces, including Berar.	May 16-Sept. 4...	967	703	
Mysore State.....	May 16-Sept. 4...	1,364	972	
Central India.....	July 18-Sept. 4...	302	173	
Rajputana and Ajmer-Merwara.	May 16-Sept. 4...	1,062	887	
Kashmir.....	May 16-June 12...	4	3	
Grand total.....	.....	24,983	20,049	
Indo-China:				
Saigon.....	May 9-Sept. 13...	114	110	
Japan:				
Formosa.....	May 23-July 17...	223	156	In south and central parts.
Kobe.....	May 30-Sept. 25...	71	55	Revised.
Osaka.....	July 4-10.....	1	1	
Nagasaki.....	Sept. 11.....	.....	.....	Present on a vessel.
Shikoku, Island.....	July 17-Aug. 3...	3	1	
Shimonoseki.....	Sept. 11.....	.....	.....	Present.
Tokyo.....	June 26.....	3	.....
Yokohama.....	May 25-Aug. 7....	28	24	

November 5, 1909

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mauritius.	Apr. 1-Aug. 19....	26	25	
Morocco:				
Casablanca.	July 15-Sept. 17....		4	Among troops.
Peru:				
Arequipa, department.	May 8-Sept. 23....	15	4	Present.
Chala.	July 3-15....			Do.
Mollendo.	July 3-15....			
Cajamarca, department.	May 8-July 15....	20	6	
Callao, department.	May 8-Aug. 12....	10	4	
Callao.	June 20-Aug. 7....			
Ica, department.	July 3-Sept. 9....	2		Present. Sept. 1, again present.
Lambayeque, department.	May 8-Aug. 12....	18	11	
Eten.	July 15....			Present.
Libertad, department.	May 8-Sept. 23....	26	13	
Salaverry.	July 15....			Do.
Lima, department.	May 8-Sept. 23....	37	16	
Cerro Azul.	July 15....			Do.
Moquegua, department.	July 16-29....	6	2	
Ilo.	July 15....			Do.
Pescadores Islands.	June 27-July 3....	4		From s. s. Lodore.
Piura, department.	June 18-Sept. 23....	46	33	
Paita.	June 20-July 15....			Present.
Russia:				
Kirgisaul.	Aug. 5-8....	19	18	In the Ural district, to Aug. 14 22 deaths.
Siam:				
Bangkok.	Apr. 25-Aug. 28....	22	22	
Trinidad:				
Port of Spain.	June 13-July 18....	6	5	
Turkey in Asia:				
Adalia.	June 25-July 29....	5	3	
Beirut.	June 25-July 4....	1		In Harrett Ark.
Uruguay:				
Montevideo.	May 1-June 30....		2	
Venezuela:				
Caracas.	June 18-Aug. 16....	13	3	
Zanzibar.	July 14-Oct. 26....	5	5	

SMALLPOX.

Algeria:				
Algiers.	May 1-Sept. 30....	27	23	
Bona.	June 1-Sept. 30....	53	28	
Arabia:				
Aden.	Aug. 3-9....		1	
Argentina:				
Buenos Aires.	Mar. 1-July 30....		51	
Rosario.	Apr. 1-July 31....	3	3	
Austria:				
Bohemia.	Sept. 26-Oct. 2....	1		Imported.
Galicia.	June 6-July 31....	6		
Silesia.	June 20-Aug. 7....	17		
Belgium:				
Antwerp.	July 18-24....	4		
Brazil:				
Bahia.	May 22-Sept. 24....	100	50	
Pernambuco.	Apr. 1-Aug. 15....		82	
Rio de Janeiro.	May 17-Sept. 26....	87	31	
Santos.	May 10-16....		1	
São Paulo.	May 10-July 18....		12	
Canada:				
British Columbia—				
Vancouver.	June 1-July 31....	4		
Nova Scotia—				
Halifax.	June 13-Aug. 7....	5		
Ontario—				
Hamilton.	Sept. 1-30....	2		
Quebec—				
Montreal.	June 17....			2 cases additional at Grosse Isle on s. s. Virginian.
Ceylon:				
Colombo.	May 23-29....	2		
Chile:				
Valparaiso.	May 16-Aug. 28....			Present.
Santiago.	May 29-Aug. 21....			Do.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 1-Sept. 11.....		32	May 9-15, present.
Eng-Ta-Tau.....	July 1-31.....	9		
Hankow.....	Aug. 21.....	1		Apr. 26-June 12, present among natives.
Hongkong.....	May 2-June 26.....	16	12	
Kang Thau.....	Apr. 1-June 30.....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7.....		8	Sept. 7, still present among natives. Sept. 4, one case on s. s. Wilmington.
Tientsin.....	June 27-July 3.....	1	2	
Egypt, general.....	Apr. 30-Sept. 23.....	1,570	367	
Alexandria.....	June 1-30.....	3		
Cairo.....	May 21-Sept. 30.....		20	
Suez.....	May 21-July 8.....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquill.....	June 1-Aug. 10.....	3		In July, 4 cases and 1 death in vicinity.
France:				
Bordeaux.....	Sept. 4.....		1	
Marseille.....	June 1-Sept. 30.....		7	
Nantes.....	July 1-31.....	1		
Paris.....	May 23-Oct. 2.....	41	3	
Toulon.....	July 25-31.....		1	
Germany, general.....	May 30-Sept. 25.....	23		
Gibraltar.....	Aug. 8-Sept. 26.....	3		
Great Britain:				
Cardiff.....	July 6.....	1		
Liverpool.....	June 21-26.....	2		
Greece:				
Athens.....	Sept. 19-25.....		2	
Hungary:				
Budapest.....	Sept. 26-Oct. 2.....	2		
India:				
Bombay.....	May 26-Sept. 7.....		89	
Calcutta.....	May 16-Sept. 4.....		128	
Madras.....	May 22-Sept. 24.....		19	
Rangoon.....	May 12-Sept. 4.....		29	
Indo-China:				
Saigon.....	May 9-Aug. 7.....	21	20	
Italy, general.....	May 31-Oct. 3.....	266		
Genoa.....	June 1-Sept. 30.....	20		
Naples.....	May 31-Oct. 10.....	316	55	
Ottlana.....	June 23.....	1		
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1		
Moji.....	June 6.....	1		
Osaka.....	Jan. 1-May 31.....	3		
Yokohama.....	June 1-7.....	1		
Java:				
Batavia.....	May 6-Sept. 11.....	31	1	
Malta:				
Valetta.....	Sept. 11-18.....	3		
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	
Mexico:				
Aguascalientes.....	June 21-27.....		1	
Chihuahua.....	Aug. 16-22.....	1		
Guadalajara.....	June 11-Sept. 9.....		4	
Mexico.....	May 16-Oct. 9.....		89	
Monterey.....	June 14-Sept. 26.....		28	
Veracruz.....	June 1-Oct. 17.....	17	6	Aug. 12-Oct. 2, 7 cases imported from Medellin.
Newfoundland:				
St. Johns.....	Sept. 4.....	3		
Norway, general.....	Apr. 1-May 30.....	3		
Panama:				
Canal Zone—				
Ancon.....	Mar. 1-31.....	1		At Culebra Island quarantine station; from a vessel.
Persia:				
Khorassan.....	June 1-30.....			Epidemic.
Kurdistan.....	June 1-30.....			Do.
Mazanderan.....	July 1-31.....			Do.
Meshed-i-Sur.....	June 1-30.....			Epidemic in vicinity.
Shiraz.....	May 1-31.....			Present.
Turbat-i-Haidar.....	May 1-31.....			Do.

November 5, 1909

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Lima.....	July 4-10.....	1		In the lazaretto.
Mollendo.....	Aug. 28.....			Present.
Philippine Islands:				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, ⁷ 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths; second quarter, 1909, 76 cases and 9 deaths.
Portugal:				
Lisbon.....	May 30-Oct. 9.....	150		
Russia:				
Libau.....	May 6-Aug. 1.....	4		
Moscow.....	May 16-Oct. 2.....	359	114	
Odessa.....	May 30-Oct. 2.....	94	17	
Riga.....	June 6-Oct. 2.....	74		
St. Petersburg.....	May 16-Sept. 25.....	369	87	
Warsaw.....	Apr. 25-Sept. 4.....		21	
Siam:				
Bangkok.....	Apr. 25-June 28.....	2	1	
Siberia:				
Vladivostok.....	May 15-June 3.....	4	1	May 1-July 31, 24 deaths.
Spain:				
Almeria.....	June 1-Aug. 31.....		11	
Barcelona.....	June 1-Oct. 11.....		72	
Huelva.....	May 1-Aug. 31.....		29	
Madrid.....	May 1-Sept. 30.....		461	
Seville.....	May 1-June 30.....		2	
Tarragona.....	July 20-26.....		1	
Valencia.....	May 20-Oct. 9.....	76	3	
Vigo.....	May 23-Oct. 2.....		17	
Straits Settlements:				
Penang.....	Aug. 15-21.....	1		
Singapore.....	May 16-July 10.....		2	
Switzerland:				
Argau, canton.....	June 20-26.....	1		
Fribourg, canton.....	June 13-19.....	1		
Geneva, canton.....	May 30-June 26.....	9		
Tripoli:				
Tripoli.....	May 23-Aug. 28.....	84	17	
Turkey in Asia:				
Bagdad.....	July 19.....			Present in interior.
Bassorah.....	May 9-Sept. 18.....			Present.
Hadjin.....	May 23-June 26.....			Do.
Smyrna.....	July 19.....			Do.
Turkey in Europe:				
Constantinople.....	May 7-Sept. 17.....		143	
Uruguay:				
Montevideo.....	Apr. 1-July 31.....		16	

Weekly mortality table, foreign and insular cities.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Athens.....	Sept. 25	241,058	78 18					2	6			
Bahia.....	Sept. 3	265,000	84 14	1	1			2	1			1
Do.....	Sept. 10	265,000	99 20	1				8	1			
Do.....	Sept. 17	265,000	100 14	3			2	4				
Do.....	Sept. 24	265,000	106 18	3			14					
Baracoa.....	Oct. 9	27,000	3									
Batavia.....	Sept. 13	217,630	3						1	2		3
Belfast.....	Oct. 9	386,576	95 9									
Belize.....	Oct. 14	9,113	8									
Bergen.....	Sept. 25	87,749	17 3									
Berlin.....	do.....	2,104,221	563 65							11 12 5	8	
Birmingham.....	Oct. 9	558,336	151							6 1		
Bradford.....	do.....	293,983	72 4							1		1
Bremen.....	Oct. 9	235,648	64 6							2 1 3	5	
Breslau.....	Oct. 2	335,186	209 21							1 1 2		
Bristol.....	Oct. 9	377,642	81 5							2	4	1
Brussels.....	Oct. 2	704,975	196 21									
Cairo.....	Sept. 16	704,836	464 32					1 1	7		24	
Do.....	Sept. 23	704,836	474 35					1	8	8	14	
Do.....	Sept. 30	704,836	436 28					4	5		32 2	
Cartagena.....	Sept. 25	30,000	11								4	
Chemnitz.....	Oct. 2	277,988	89 12									
Chihuahua.....	Oct. 10	37,000	27 3							2		
Cleufuegos.....	Oct. 9	30,038	12									
Coburg.....	Oct. 2	23,396	6									
Cognac.....	Oct. 9	19,480	8									
Cologne.....	Oct. 2	471,872	131 16							2	4	2
Colombo.....	Sept. 11	183,872	116 17							12		
Colon.....	Oct. 2	16,000	1									
Constantinople.....	Oct. 3	1,000,000	194 31							7		
Copenhagen.....	Sept. 25	450,000	94 12									1
Coquimbo.....	Oct. 2	12,000	16									
Dalny.....	Sept. 18	38,364	23						1			
Do.....	Sept. 25	38,364	28					7				
Denia.....	Oct. 2	12,431	5					7				
Dresden.....	Oct. 8	546,400	141 18							2	1	
Dundee.....	Oct. 9	169,409	48 4								1	
Durban.....	Sept. 18	60,244	10 3									
Erfurt.....	Sept. 18	107,788	29 3							1		
Do.....	Oct. 2	107,788	24 2								1	
Flushing.....	Oct. 9	21,208	4									
Frankfort on the Main.....	Oct. 2	366,200	98									
Do.....	Sept. 25	366,200	103									1
Ghent.....	Oct. 2	164,779	46 4								2	
Gibraltar.....	Oct. 10	26,830	6							1	1	
Glasgow.....	Oct. 15	872,021	213							2 2 8 3	1	
Greenock.....	Oct. 9	72,300	10									
Guayaquil.....	Sept. 25	75,000	71 8	9								
Halifax.....	Oct. 16	50,000	12 1									
Hamilton.....	Oct. 11	20,206	4									
Holyhead.....	Oct. 9	11,046	1									
Hull.....	do.....	275,552	80							1		
Konigsberg.....	Oct. 2	240,000	91 7								2	1
La Paz.....	do.....	5,000	2									
Leeds.....	Oct. 9	484,012	123 8								1 1 1	2
Leipzig.....	Oct. 2	537,686	127 13						2 2			1
Liege.....	do.....	175,843	42 4									1
Liverpool.....	Oct. 9	760,357	238 33						3 2	2	4	
London.....	do.....	4,833,938	1,127 108					1		2 10 4 6	21	
Lubeck.....	Oct. 2	97,000	25 4									
Manchester.....	Oct. 9	631,533	192						2 3	1 1	1	
Mannheim.....	Sept. 25	184,152	40 9							1		
Matamoros.....	Oct. 16	8,000	2									
Nagasaki.....	Sept. 26	175,936	62 8							1		
Newcastle on Tyne.....	Oct. 9	281,584	70							1 1 3	2	
Newchwang.....	Sept. 25	60,000	23									
Nottingham.....	Oct. 2	260,000	76									
Nuevo Laredo.....	Oct. 16	8,000	4 1									
Nuremberg.....	Sept. 18	316,180	95 12							1		
Odessa.....	Oct. 2	467,000	234 17						2 4 23 11	9 6	1	
Paris.....	do.....	2,776,344	751 159						7 7	4 6	1	

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Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
												Measles.
Port Elizabeth.....	Sept. 25	32,959	13	5								1
Prague.....	Oct. 2	229,965	108	18						2	1	1
Queenstown.....	Oct. 9	7,684	2									
Riga.....	Oct. 2	355,000				11						
Rotterdam.....	Oct. 9	415,761	92								1	
Salgon.....	Sept. 13	206,000	8		7		1					
Salaverry.....	Sept. 29	1,750	1									1
Do.....	Oct. 6	1,750	0									
Santa Cruz de Teneriffe.....	Oct. 2	46,000	12	2								
Schiedam.....	Oct. 9	31,863	6									
Southampton.....	do.....	124,667	23	1								
Stockholm.....	Sept. 25	339,582	94	14								
St. Petersburg.....	Sept. 18	1,678,000	792	101		117	4	3	3	21	14	11
Do.....	Sept. 25	1,678,000	837	94		122	7	5	20	16	27	10
St. Thomas.....	Sept. 24	11,012	8									
Tegucigalpa.....	Oct. 2	24,000	6									
Trieste.....	Sept. 25	217,706	112									
Do.....	Oct. 2	217,706	102									
Valencia.....	do.....	240,000	73	12								
Valletta.....	Sept. 18	212,888	74									
Do.....	Sept. 25	212,888	74	6								
Vernacruz.....	Oct. 9	32,000	47	6								
Vigo.....	Oct. 2	40,000	16	2				1	4			
Warsaw.....	Sept. 4	764,054	307	58			1	1	4	9	3	7
Winnipeg.....	Oct. 16	122,000	40	8					1		1	
Yokohama.....	Sept. 27	392,870								2		

The following cases of, and deaths from, smallpox, yellow fever, cholera, and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended November 5, 1909:

SMALLPOX—UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Oct. 17-23.....	1		
Georgia:				
Macon.....	Oct. 9-15.....	2		
Illinois:				
Chicago.....	Oct. 17-23.....	1		
Indiana:				
Indianapolis.....	Oct. 18-24.....	2		
Massachusetts:				
Boston.....	Oct. 17-23.....		1	
North Carolina:				
Charlotte.....	Oct. 16-22.....	2		
North Dakota:				
Henry County.....	Aug. 1-31.....	5		
Ohio:				
Dayton.....	Oct. 17-23.....	2		
Texas:				
San Antonio.....	Sept. 5-Oct. 2.....	4		
West Virginia:				
Wheeling.....	Oct. 17-23.....	1		

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SMALLPOX—FOREIGN.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	Sept. 1-30.....		4	
Bona.....	Sept. 1-30.....	5	3	
Brazil:				
Rio de Janeiro.....	Sept. 11-26.....	7	.....
China:				
Amoy.....	Sept. 5-11.....		1	
Egypt, general.....	Sept. 17-23.....	9	4	
Alexandria.....	Sept. 10-23.....		2	
Cairo.....	Sept. 24-30.....		2	
France:				
Marseille.....	Sept. 1-30.....		2	
Greece:				
Athens.....	Sept. 19-25.....		2	
Hungary:				
Budapest.....	Sept. 26-Oct. 2.....	2	.....
India:				
Madras.....	Sept. 18-24.....		2	
Indo-China:				
Saigon.....	Sept. 6-13.....	1	1	
Italy:				
Naples.....	Oct. 4-10.....	6	.....
Mexico:				
Veracruz.....	Oct. 11-17.....	4	1	
Portugal:				
Lisbon.....	Oct. 3-9.....	12	.....
Russia:				
Odessa.....	Sept. 27-Oct. 2.....	7	2	
Moscow.....	Sept. 27-Oct. 2.....	1	3	
Warsaw.....	Aug. 29-Sept. 4.....		1	
Spain:				
Almeria.....	July 1-Aug. 31.....		8	
Barcelona.....	Oct. 4-11.....		3	
Madrid.....	Sept. 1-30.....		109	
Valencia.....	Oct. 2-9.....	2	.....
Vigo.....	Oct. 2-9.....			Present.
Turkey:				
Bagdad.....	Aug. 15-Sept. 18.....			Do.
Constantinople.....	Oct. 4-10.....		1	
Smyrna.....	Sept. 29-Oct. 5.....			Epidemic.

CHOLERA.

Belgium:				
Antwerp.....	Oct. 21-27.....	8	6	In vicinity.
China:				
Amoy.....	Sept. 5-18.....		39	
Hankow.....	Sept. 25.....			Present.
Shanghai.....	Sept. 12-18.....			Do.
Germany:				
Heysenkunig, district.....	Oct. 20.....	1	.....
Niederung.....	Oct. 16-20.....		2	
Tilsit.....	Oct. 11.....		1	
India:				
Calcutta.....	Sept. 11-18.....		8	
Java:				
Batavia, district.....	Sept. 12-18.....	35	30	
Korea:				
Seoul.....	Sept. 21.....			Estimated 100 cases daily.
Manchuria:				
Dalny.....	Sept. 19-25.....	5	7	
Netherlands:				
Hattem.....	Oct. 1-8.....	4	1	
Russia:				
Riga.....	Oct. 2-8.....	16	4	
Straits Settlements:				
Singapore.....	Sept. 12-18.....		1	

YELLOW FEVER.

Brazil:				
Para.....	Sept. 27-Oct. 9....	9	6	
Mexico:				
Merida.....	Oct. 8-14.....	1	

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PLAQUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Australia: Brumby.....	June 4.....	1		On steamship Zoroaster.
Brazil: Rio de Janeiro.....	Sept. 20-26.....	1	1	
Chile: Iquique.....	Sept. 9-22.....	2	2	Sept. 22, two cases in the lazaretto.
China: Amoy.....	Sept. 5-18.....		86	
Ecuador: Guayaquil	Sept. 19-25.....		9	
Hawaii: Hilo, Pepeekeo.....	Oct. 4.....	1	1	
India: Calcutta.....	Sept. 12-18.....		9	
Indo-China: Saigon.....	Sept. 7-13.....	7	7	
Mauritius.....	Aug. 13-19.....	2	2	
Peru, general.....	Aug. 28-Sept. 23.....	14	10	
Zanzibar.....	Oct. 20-26.....		2	

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,**United States Public Health and Marine-Hospital Service.*